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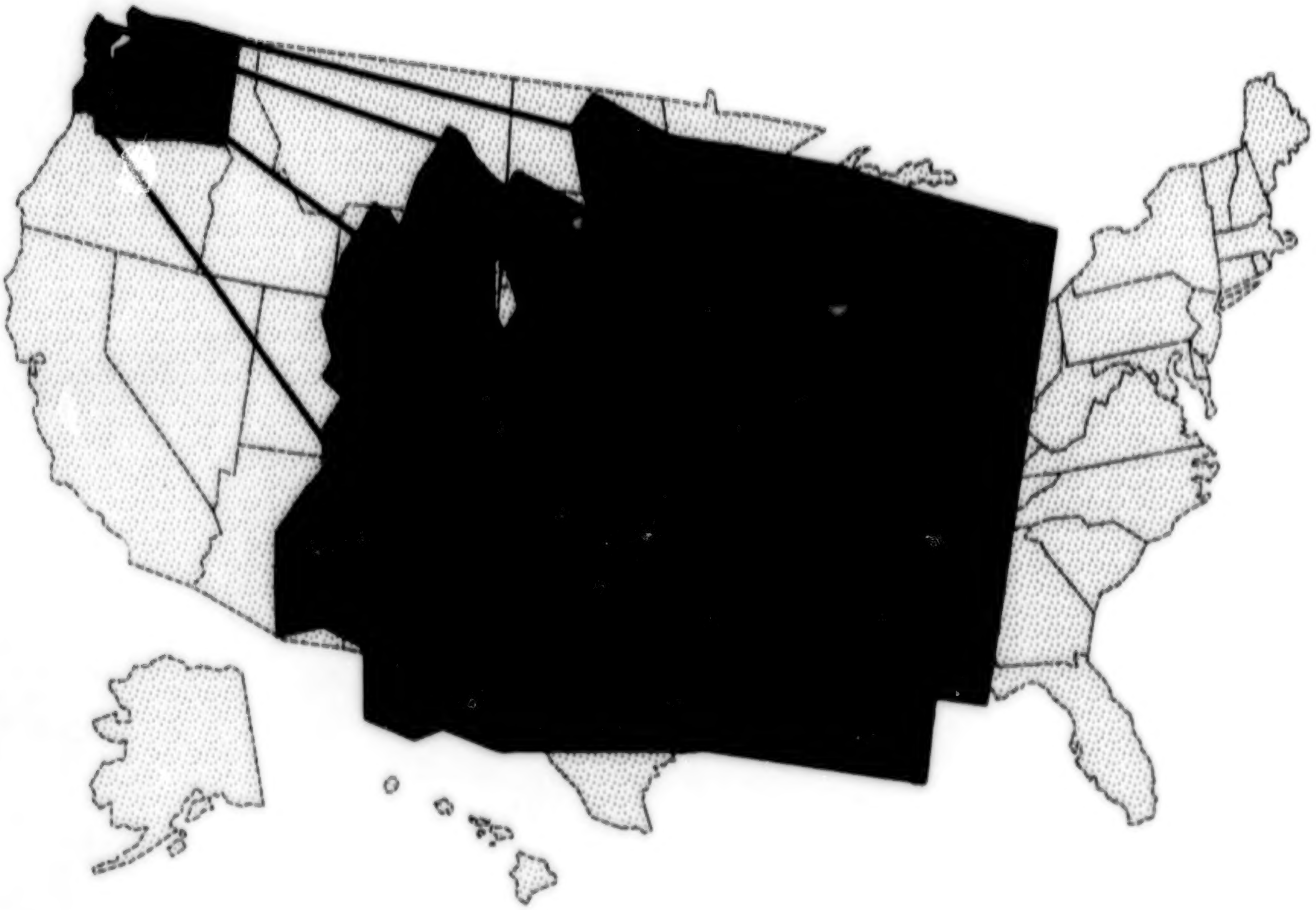
1985 National Survey of Fishing, Hunting and Wildlife-Associated Recreation



Washington

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U. S. Department of the Interior

U.S. Fish and Wildlife Service

Washington, D. C.

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FOREWORD

Effective stewardship for fish and wildlife requires a combination of biological knowledge and detailed information about the activities of sportsmen and others who make use of these resources. Since 1955, the National Survey of Fishing, Hunting and Wildlife-Associated Recreation has provided detailed information about recreational uses of fish and wildlife. Survey results help managers anticipate new fish and wildlife recreation patterns that require decisions and action.

The 1985 Survey marks the seventh time since 1955 a National survey has been conducted to measure fishing and hunting activities, and it is the second survey to provide details about nonconsumptive wildlife-related activities. The 1985 Survey was requested by State natural resource agencies through the International Association of Fish and Wildlife Agencies. It was designed and conducted by the U.S. Fish and Wildlife Service with the cooperation and assistance of the U.S. Bureau of the Census, and financed by taxes on fishing equipment, boat fuel, hunting equipment, and ammunition under the Federal Aid in Sport Fish and Wildlife Restoration Acts.

More than three of every four Americans enjoyed some type of fish or wildlife activity in 1985, adding over 55 billion dollars to local, State, and National economies. Many of these Americans participated in more than one form of wildlife-associated activity. It is interesting to note than nine out of ten sportsmen (those who fished or hunted) also reported participating in nonconsumptive activities, such as observing, feeding, or photographing wildlife, apart from their sport.

Results from the 1985 Survey will be used by the Federal and State governments and others to forecast demands for fish and wildlife recreation, evaluate impacts on local and State economies, and identify trends in participation and expenditures. These efforts are important for the effective management of fish and wildlife resources for this and future generations.

Frank Dunkle

Frank Dunkle, Director
Fish and Wildlife Service

United States Department of the Interior

SURVEY BACKGROUND AND METHOD

The 1985 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation was designed to gather information about American participation in fishing, hunting, and other forms of wildlife-associated recreation. The national survey has been conducted every 5 years since 1955 and represents one of the oldest and most comprehensive continuing recreation surveys. The purpose of the survey is to gather information on the numbers of fishermen and hunters in our country, as well as how often they participate and how much they spend on these activities. The 1985 survey was the first to gather state-level information about those who observe, photograph, or feed wildlife.

The planning process for the 1985 survey began in 1983 when the International Association of Fish and Wildlife Agencies (IAFWA) passed a resolution asking the U.S. Fish and Wildlife Service to conduct a national survey of wildlife-associated recreation in 1985. As with previous national surveys, funding for the survey came from the administrative portion of Federal Aid funds produced by excise taxes on fishing and hunting equipment under the Dingell-Johnson, Pittman-Robertson, and Wallop-Breaux Federal Aid for Fish and Wildlife Restoration Acts.

In early 1984, the IAFWA was asked to help ensure that fish and game agencies of the 50 states had an opportunity to participate in all phases of planning and design of the survey. Four regional technical committees were set up under the auspices of the IAFWA. Made up of the representatives of state fish and game agencies, the committees served as a point of contact for the survey between the states and the Fish and Wildlife Service. They provided initial suggestions and comments about what information the survey should produce and how it should be conducted. The technical committees reviewed alternatives for survey design, draft questionnaires, and finally, preliminary tabulations of survey results. Reviews of draft materials were also solicited from state fish and game directors and a cross-section of sportsmen's and conservation organizations.

The 1985 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation produced both a national report and individual state reports for the 50 states. The survey was conducted by the U.S. Bureau of the Census in two phases. In the first phase, a sample of almost 111,000 households nationwide was screened, mostly by telephone, to determine who in the household had fished, hunted, or engaged in nonconsumptive wildlife-associated activity in 1985. The screening was done in January-March of 1986. Information about all household members 6 years old and older was obtained from an adult member of each household. A 93 percent response rate was achieved for the screening.

The second phase of the survey consisted of detailed in-person interviews conducted in the spring of 1986 with subsamples of fishermen, hunters, and nonconsumptive participants who were identified in the screening phase. Participants in this detailed phase were limited to those at least 16 years old because of the length and complexity of the questionnaires. Sample sizes were designed to provide statistically reliable results at the state level for fishing, hunting and nonconsumptive activities. A total of 33,973 fishermen and hunters and 30,177 nonconsumptive users were in the detailed sample. Altogether, fishermen and hunters completed 28,011 interviews and there were 26,671 completed interviews with nonconsumptive participants.

In the state of Washington, 2122 households were screened for participants in wildlife-associated activities. There were 591 completed interviews with fishermen and hunters and 508 completed interviews with nonconsumptive participants in Washington.

INTRODUCTION

The National Survey of Fishing, Hunting, and Wildlife-Associated Recreation reports results from interviews with Americans about their fishing, hunting and other fish and wildlife recreation. It has become the most important source of information about the vast array of recreational opportunities provided by America's fish and wildlife resources. The 1985 National Survey, the seventh to be conducted since 1955, was requested by the states through the International Association of Fish and Wildlife Agencies. The U.S. Bureau of the Census selected the sample, conducted the interviews and prepared tabulations for this report. The survey was funded by taxes on fishing and hunting equipment and boat fuel under the Dingell-Johnson, Pittman-Robertson and Wallop-Breaux Federal Aid for Sport Fish and Wildlife Restoration Acts.

This report focuses on the 1985 fishing, hunting and nonconsumptive wildlife-related activities of Americans 16 years of age and older. Summary measures are reported for wildlife-associated recreation by those 6 to 15 years of age and for trapping participation by those 6 years old and older. Additional information about the scope and coverage of the survey appears in the Survey Background and Methods section of this report. The remainder of this section provides an overview of how the survey results are reported.

WILDLIFE-ASSOCIATED RECREATION

Wildlife-associated recreation includes fishing, hunting, and nonconsumptive wildlife activities. These categories are not mutually exclusive because many individuals enjoy fish and other wildlife resources in several ways.

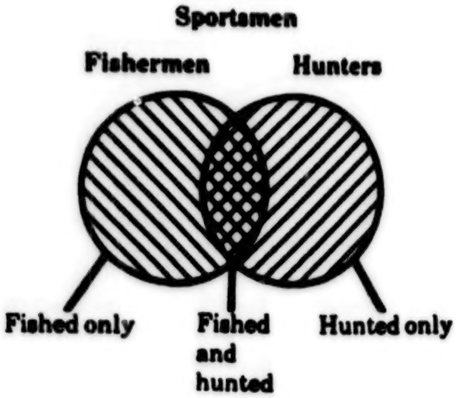
Wildlife-associated recreation is reported in two major categories: (1) fishing and hunting, and (2) nonconsumptive uses of wildlife resources. The order of reporting is not intended to reflect their comparative importance. This report uses traditional terms to describe fishing and hunting. Terms used to report nonconsumptive activities are introduced at the end of this section.

FISHING AND HUNTING

This survey reports information about residents of the United States who fished or hunted in 1985, regardless of whether they were licensed. The fishing and hunting sections of this report are organized to report three groups: (1) sportsmen, (2) fishermen, and (3) hunters.

SPORTSMEN

Sportsmen are men and women who fish or hunt. Individuals who fished, hunted or trapped commercially in 1985 are reported as sportsmen only if their recreation included some fishing or hunting. The sportsmen group is composed of the three subgroups in the diagram below: (1) those who fish and hunt, (2) those who fish only, and (3) those who hunt only. The sportsmen group is different from the sum of fishermen plus hunters because it does not double count those who both fish and hunt.



FISHERMEN

Fishermen are sportsmen who fish and hunt plus those who fish only. The fishermen group includes not only licensed hook and line anglers, but also those who use special fishing methods such as bow and arrow fishing, those who fish in fee ponds, and those who have no license. Three types of fishing are reported. These are fishing in (1) freshwater, except the Great Lakes, (2) Great Lakes, and (3) saltwater. Since many anglers enjoy more than one type of fishing, the total number of fishermen is less than the sum of the three types of fishing.

HUNTERS

Hunters are sportsmen who fish and hunt plus those who hunt only. The hunter group includes not only licensed hunters using common hunting practices, but also those who hunt with special weapons such as a muzzle loader or a bow and arrow, those who hunt on private preserves, and those who have no license. Four types of hunting are reported. These are hunting for (1) big game, (2) small game, (3) migratory birds, and (4) other animals.

Since many hunters enjoy more than one type of hunting, the sum of hunters for big game, small game, migratory birds and other animals exceeds the total number of hunters.

NONCONSUMPTIVE WILDLIFE ACTIVITIES

Many Americans, including sportsmen, enjoy wildlife-associated recreation which is not fishing, hunting or trapping. These nonharvesting activities, such as feeding, photographing and observing fish and other wildlife, are nonconsumptive wildlife activities. Four types of nonconsumptive activity are reported. These four types are based on a framework with two criteria: (1) whether the nonconsumptive wildlife use is the primary purpose of the activity or secondary to some other purpose, and (2) whether the nonconsumptive activity is residential (within a mile of the home) or nonresidential (more than a mile from home). Some men and women participate in many or all of the four types of nonconsumptive wildlife activities, so the sum of participants in each type will be greater than the total number of nonconsumptive participants. The four types of nonconsumptive wildlife activities are introduced below.

	Non-residential	Residential
Primary	XX	XX
Secondary	XX	XX

PRIMARY NONRESIDENTIAL

This group includes persons who take trips or outings of at least one mile for the primary purpose of observing, photographing or feeding fish and wildlife. Trips to fish or hunt and trips to zoos, circuses, aquariums and museums are not considered nonconsumptive wildlife activities.

PRIMARY RESIDENTIAL

This group includes those whose activities around the home involve one or more of the following: (1) closely observing or trying to identify birds or other wildlife, (2) photographing wildlife, (3) feeding birds or other wildlife on a regular basis, (4) maintaining natural areas of at least one-quarter acre for which benefit to wildlife is an important concern, (5) maintaining plantings (shrubs, agricultural crops, etc.) for which benefit to wildlife is an important concern, or (6) visiting public parks within one mile of home for the purpose of observing, photographing, or feeding wildlife.

SECONDARY NONRESIDENTIAL

This group includes persons who enjoy seeing or hearing wildlife while on a trip or outing of at least one mile that is taken for another purpose, such as camping, driving for pleasure, or boating. Trips for shopping or to go to work or school are not included.

SECONDARY RESIDENTIAL

This group is composed of persons who enjoy seeing or hearing wildlife while pursuing other activities around the home, such as those who enjoy birds while doing yard work.

SUMMARY

Activities by Washington residents 16 years old and older

FISHING

Fishermen	1,057,200
Days of fishing	20,958,100
Average days per fisherman	19.8
Total expenditures	$549,922,000
Trip-related	$290,686,000
Equipment and other	$259,237,000
Average per fisherman	$517
Average per day	$26

HUNTING

Hunters	296,300
Days of hunting	4,521,500
Average days per hunter	15.3
Total expenditures	$191,958,000
Trip-related	$ 82,863,000
Equipment and other	$109,096,000
Average per hunter	$648
Average per day	$42

NONCONSUMPTIVE

Total nonconsumptive participants	2,886,000
Primary participants	2,433,000
Nonresidential	653,000
Residential	2,300,000
Secondary participants	2,777,000
Nonresidential	2,288,000
Residential	2,504,000
Total expenditures	$300,039,000
Trip-related	$ 91,447,000
Equipment and other	$208,592,000

Activities by participants 16 years old and older in Washington

FISHING

Fishermen	1,307,000
Days of fishing	21,133,000
Average days per fisherman	16.2
Total expenditures	NA
Trip-related	$322,395,000
Equipment and other	NA
Average per fisherman	NA
Average per day	NA

HUNTING

Hunters	302,000
Days of hunting	4,511,000
Average days per hunter	14.9
Total expenditures	NA
Trip-related	$ 84,426,000
Equipment and other	NA
Average per hunter	NA
Average per day	NA

PRIMARY NONRESIDENTIAL

Primary nonresidential participants	748,700
Days of participation	5,900,000
Average days per participant	7.9
Total expenditures	NA
Trip-related	$ 64,207,000
Equipment and other	NA
Average per participant	NA
Average per day	NA

WILDLIFE-ASSOCIATED RECREATION

The 1985 Survey found that 2,921,300 Washington residents 16 years old and older engaged in fishing, hunting, or nonconsumptive activities. Of the total number of participants, 1,057,200 fished, 296,300 hunted, and 2,433,000 engaged in nonconsumptive activities where wildlife enjoyment was the primary purpose of the activity (primary nonconsumptive). In addition, there were 2,777,500 Washington residents whose other primary activities were enhanced by the presence of fish and wildlife (secondary nonconsumptive). The sum of fishermen, hunters and nonconsumptive participants exceeds the total number of participants in wildlife-associated recreation because many individuals engaged in more than one wildlife-related activity.

(16 years old and older)	Number
PARTICIPANTS IN WILDLIFE-ASSOCIATED RECREATION	
Total	2,921,300
SPORTSMEN	
Total	1,129,300
Fishermen	1,057,200
Hunters	296,300
NONCONSUMPTIVE	
Total	2,885,700
Primary	2,433,000
Secondary	2,777,500

Sources: Tables 25 and 32.

SPORTSMEN

In 1985, there were 1,382,500 resident and nonresident sportsmen 16 years old and older who fished and/or hunted in Washington. This group included 1,306,900 fishermen (95 percent of all sportsmen) and 301,900 hunters (22 percent of all sportsmen). Of the 1,382,500 sportsmen who fished or hunted in the state, 1,080,600 (78 percent) fished but did not hunt in Washington. Another 75,600 (5 percent) hunted but did not fish there. The remaining 226,400 (16 percent) both fished and hunted in Washington in 1985. For further details about those who fished or hunted in Washington, see Table 1.

(16 years old and older)	Number
Sportsmen (fished or hunted)	1,382,500
Fishermen	1,306,900
Fished only	1,080,600
Fished and hunted	226,400
Hunters	301,900
Hunted only	75,600
Hunted and fished	226,400

Source: Table 1.

FISHERMEN AND DAYS OF FISHING

Approximately 1,306,900 residents and nonresidents 16 years old and older fished in Washington in 1985. Washington residents accounted for 78% of the total and numbered 1,025,100 fishermen. Nonresidents comprised the remaining 281,800 fishermen, or 22% of the total. Resident and nonresident anglers fished a total of 21,133,500 days in Washington, an average of 16.2 days per fisherman. Residents accounted for 19,543,300 days of fishing, or 92% of all fishing days. Nonresidents spent a total of 1,590,200 days fishing in Washington's waters, or 8% of all fishing days. For further details about fishing in Washington, see Table 4.

(16 years old and older)	Number
Fishermen	1,306,900
Resident	1,025,100
Nonresident	281,800
Days of fishing	21,133,500
Resident	19,543,300
Nonresident	1,590,200

Source: Table 4.

There were 1,057,200 Washington residents 16 years old and older who fished in the U.S. in 1985. These resident anglers fished for a total of 20,958,100 days in 1985. About 97% of them, or 1,025,100 fishermen, fished in the state of Washington. Most of their days of fishing, 93% (19,543,300 days), were spent in Washington.

In addition, some Washington residents fished only in other states or fished both in Washington and in other states. Altogether, about 105,200 Washington anglers (10% of the total) fished as nonresidents in other states. Their 1,414,800 days of fishing in other states accounted for 7% of all days of fishing by Washington residents in 1985. For more details about fishing by Washington residents, see Table 4.

(16 years old and older)	Number
Washington fishermen	1,057,200
In Washington	1,025,100
In other states	105,200
Days of fishing by Washington residents	20,958,100
In Washington	19,543,300
In other states	1,414,800

Source: Table 4.

HUNTERS AND DAYS OF HUNTING

There were 301,900 resident and nonresident hunters 16 years old and older who hunted in Washington in 1985. State residents accounted for 282,800 of these hunters, or 94% of the total. The remaining 19,200 hunters, or 6% of the total, were nonresidents hunting in Washington.

Hunters spent a total of 4,510,600 days hunting in Washington. State residents accounted for 4,298,000 days of hunting, or 95% of all hunting days. Nonresidents spent 212,700 days hunting in Washington, accounting for 5% of all hunting days. For additional information on hunting activities in Washington, see Table 10.

(16 years old and older)	Number
Hunters	301,900
Resident	282,800
Nonresident	19,200*
Days of hunting	4,510,600
Resident	4,298,000
Nonresident	212,700*

Source: Table 10.
* Estimate based on a small sample size.

There were 296,300 state residents 16 years old and older who hunted in the U.S. in 1985. About 95% of them, or 282,800 hunters, hunted in the state of Washington. Of the total 4,521,500 days of hunting by Washington residents in 1985, 4,298,000 days (95% of the total), were spent hunting in Washington.

Some Washington residents hunted only in other states or hunted both in Washington and in other states. A total of about 21,400 Washington hunters (7% of the total) hunted as nonresidents in other states. Their 223,600 days of hunting in other states accounted for 5% of all days of hunting by residents of Washington in 1985. For further details about hunting by Washington residents, see Table 10.

(16 years old and older)	Number
Washington hunters	296,300
In Washington	282,800
In other states	21,400*
Days of hunting by Washington residents	4,521,500
In Washington	4,298,000
In other states	223,600*

Source: Table 10.
* Estimate based on a small sample size.

PRIMARY NONCONSUMPTIVE ACTIVITIES

About 652,600 residents of Washington 16 years old and older took trips of 1 mile or more in the U.S. for the primary purpose of observing, photographing, or feeding wildlife in 1985. Of this total, 640,600 observed wildlife, 309,700 photographed wildlife, and 233,000 fed wildlife while on these primary nonresidential trips.

Washington residents spent 6,840,800 days participating in primary nonresidential activities in 1985. While on their trips, primary nonresidential participants observed wildlife on 6,475,000 days, photographed wildlife on 2,717,500 days, and fed wildlife on 2,414,700 days. Since some individuals engaged in more than one of the three primary nonresidential activities during the year, the sum of wildlife observers, photographers, and feeders exceeds the total number of primary nonresidential participants. Similarly, the sum of days of observing, photographing, and feeding wildlife exceeds the total days of primary nonresidential activity because individuals engage in more than one activity on some days. For further details about Washington residents participating in primary nonresidential activities see Table 26.

(16 years old and older)	Number
PRIMARY NONRESIDENTIAL PARTICIPANTS	
Total	652,600
Observe wildlife	640,600
Photograph wildlife	309,700
Feed wildlife	233,000
DAYS OF PARTICIPATION	
Total	6,840,800
Observe wildlife	6,475,000
Photograph wildlife	2,717,500
Feed wildlife	2,414,700

Source: Table 26.

Many Washington residents took an active interest in wildlife around their homes in 1985. This type of activity, where wildlife was the primary focus, is termed "primary residential" in this report. There were 2,300,500 Washington residents who participated in some primary residential activity in 1985. These activities included observing wildlife (1,461,600 participants), photographing wildlife (375,500 participants), feeding wildlife (1,800,300 participants), visiting public parks and natural areas within 1 mile of home for the purpose of observing, photographing, or feeding wildlife (516,800 participants), maintaining natural areas of 1/4 acre or more (264,500 participants), and maintaining food or cover plants to benefit wildlife (227,700 participants). Adding the participants in these six activities results in a sum that exceeds the total number of primary residential participants because many people participated in more than one primary residential activity. For further details about Washington residents participating in primary residential activities see Table 28.

(16 years old and older)	Number
PRIMARY RESIDENTIAL PARTICIPANTS	
Total	2,300,500
Observe wildlife	1,461,600
Photograph wildlife	375,500
Feed wildlife	1,800,300
Visit public parks	516,800
Maintain natural areas	264,500
Maintain plantings	227,700

Source: Table 28.

FISHING AND HUNTING EXPENDITURES

Washington residents 16 years old and older spent $549,922,300 in Washington and other states for fishing in 1985. Trip-related expenditures for food and lodging, transportation, and other trip costs such as equipment rental and boat fuel totaled $290,686,300 (53% of fishing expenditures). Purchases of licenses, stamps, tags, and permits amounted to $10,755,400 and accounted for 2% of all fishing expenditures. Expenditures for equipment purchased primarily for fishing accounted for $242,559,700, or 44% of the total amount spent by Washington residents in 1985. Purchases of fishing equipment (rods, reels, lines, etc.) were $50,501,800 (9%). Expenditures for special and auxiliary equipment (items purchased primarily for fishing but that can be used in activities other than fishing, such as tents, campers, and boats) totaled $192,057,900 (35%). Expenditures for other items purchased primarily for fishing (magazines, membership dues and contributions, and land leasing/ownership) totaled $5,921,200 (1%). For further details about fishing expenditures by Washington residents, see Table 19.

(16 years old and older)	Amount
FISHING EXPENDITURES	
Total	$549,922,300
Trip-related	$290,686,300
Equipment	$242,559,700
Fishing	$ 50,501,800
Special and auxiliary	$192,057,900
Licenses, stamps, tags, and permits	$ 10,755,400
Other	$ 5,921,200

Source: Table 19.

Washington residents 16 years old and older spent $191,958,300 in Washington and other states for hunting in 1985. Trip-related expenditures for food and lodging, transportation, and other trip costs such as equipment rental and boat fuel totaled $82,862,600 (43% of hunting expenditures). Purchases of licenses, stamps, tags, and permits amounted to $10,444,000 and accounted for 5% of all hunting expenditures. Expenditures for equipment purchased primarily for hunting accounted for $94,431,100, or 49% of the total amount spent by Washington residents in 1985. Purchases of hunting equipment (guns, ammunition, etc.) were $36,501,900 (19%). Expenditures for special and auxiliary equipment (items purchased primarily for hunting but that can be used in activities other than hunting, such as tents, campers, and boats) totaled $57,929,200 (30%). Expenditures for other items purchased primarily for hunting (magazines, membership dues and contributions, and land leasing/ownership) totaled $4,220,900* (2%). For further details about hunting expenditures by Washington residents, see Table 20.

(16 years old and older)	Amount
HUNTING EXPENDITURES	
Total	$191,958,300
Trip-related	$ 82,862,600
Equipment	$ 94,431,100
Hunting	$ 36,501,900
Special and auxiliary	$ 57,929,200
Licenses, stamps, tags, and permits	$ 10,444,000
Other	$ 4,220,900*

Source: Table 20.
* Estimate based on a small sample size.

NONCONSUMPTIVE EXPENDITURES

Washington residents 16 years old and older spent $300,038,700 in Washington and other states for nonconsumptive wildlife-associated recreation in 1985. Expenditures for primary trip-related items, including food and lodging, transportation, and other trip costs such as equipment rental and boat fuel totaled $91,446,900 (30% of total nonconsumptive expenditures). Expenditures for equipment purchased primarily for use in nonconsumptive activities were $186,213,700, or 62% of the total amount spent by Washington residents in 1985. Purchases of nonconsumptive equipment (binoculars, field guides, etc.) were $66,860,600 (22%). Expenditures for special and auxiliary equipment (items purchased primarily for use in nonconsumptive activities but that can be used in other activities, such as tents, campers, and boats) totaled $119,353,100* (40%). Expenditures for other items purchased primarily for use in nonconsumptive activities (magazines, membership dues and contributions) totaled $22,378,200 (7%). For further details about nonconsumptive expenditures by Washington residents, see Table 30.

(16 years old and older)	Amount
NONCONSUMPTIVE EXPENDITURES	
Total	$300,038,700
Trip-related	$ 91,446,900
Equipment	$186,213,700
Nonconsumptive	$ 66,860,600
Special and auxiliary	$119,353,100*
Other	$ 22,378,200

Source: Table 30.
* Estimate based on a small sample size.

TRIP-RELATED EXPENDITURES

In 1985, resident and nonresident participants in wildlife-associated recreation spent a total of $471,028,600 in Washington for trip-related items, such as food, lodging, and transportation. Trip-related expenditures for fishing totaled $322,395,400 (68% of the total). Hunters spent $84,426,200 (18%) for trip-related items in Washington. Trip-related expenditures for primary nonresidential activities accounted for the remaining $64,207,000 (14%).

Resident and nonresident fishermen spent a total of $130,087,900 on food and lodging while fishing in Washington. Expenditures for transportation and other trip costs (equipment rental, guide fees, land use fees, etc.) totaled $189,906,300 in 1985.

Food and lodging expenditures by resident and nonresident hunters during hunting trips in Washington totaled $38,984,400. Hunting trip expenditures in Washington for transportation and other trip costs (equipment rental, guide fees, land use fees, etc.) totaled $45,441,900 in 1985. For additional information regarding trip-related expenditures in Washington, see Tables 22 and 45.

(16 years old and older)	Amount
TRIP-RELATED EXPENDITURES	
Total	$471,028,600
Fishing	$322,395,400
Hunting	$ 84,426,200
Primary nonresidential	$ 64,207,000
Fishing	$322,395,400
Food and lodging	$130,087,900
Transportation and other	$189,906,300
Hunting	$ 84,426,200
Food and lodging	$ 38,984,400
Transportation and other	$ 45,441,900

Sources: Tables 22 and 45.

GUIDE TO STATISTICAL TABLES

The statistical tables of this report were designed to meet a wide range of needs of those interested in knowing about wildlife-associated recreation. Special terms used in these tables are defined in Appendix A.

The tables are based on responses to the 1985 Survey which was designed to learn about American participation in wildlife-associated recreation. To take part in the survey a respondent must have been a U.S. resident (a resident of one of the fifty states or the District of Columbia). No one residing outside the U.S. (including U.S. citizens) was eligible for a survey interview. Therefore, reported state and national totals do not include participation by those who were not U.S. residents.

Information reported for those 16 years old and older is based upon interviews with respondents in this age group. Reported results for those 6 to 15 years old are based upon interviews with an older member of the same household.

COVERAGE OF AN INDIVIDUAL TABLE

Since the survey covers many activities in various places by participants of different ages, each table's title, captions, stubs and footnotes are designed to identify and articulate each item being reported in the table. For example, the title of Table 1 shows that individuals, including both residents of the state and nonresidents, who fished or hunted in the state are being reported. By contrast, the title of Table 2 shows that it reports state residents who fished or hunted, regardless of whether they fished or hunted in state or in other states.

PERCENTAGES REPORTED IN THE TABLES

Percentages are reported in the tables for the convenience of the user of the information. When exclusive groups are being reported, the base of a percentage is apparent from its context because the percents add to 100 percent (plus or minus a rounding error). For example, Table 1 reports the number of sportsmen who fished only, those who fished and hunted, and those who hunted but did not fish. These form 100 percent because they are exclusive groups.

Percents should not add to 100 when non-exclusive groups are being reported. Using Table 1 as an example again, note that adding the percentages associated with total fishermen and total hunters will not equal total sportsmen because fishermen and hunters are not exclusive groups.

When the base of the percentage may not be apparent in context, it is identified in a footnote. For example, Table 2 reports two percentages with different bases for the convenience of those who will use either or both kinds of information. Therefore, footnotes are used to clarify the bases of the reported percentages.

FOOTNOTES TO THE TABLES

Footnotes are used to clarify the information or items that are being reported in a table. Symbols in the body of a table may indicate important footnotes. These symbols are used in the tables to refer to the same footnote each time they appear:

*	Estimate based on a small sample size.
...	Sample size too small to report data reliably.
W	Less than .5 dollars.
Z	Less than .5 percent.
X	Not applicable.

Estimates based upon fewer than ten responses are regarded as being based on a sample size that is too small for reliable reporting. An estimate based upon at least ten but fewer than 25 responses is treated as an estimate based on a small sample size. Other footnotes appear, as necessary, to qualify or clarify the estimates reported in the tables.

In addition, these two important footnotes appear frequently:

Detail does not add to total because of multiple responses.
Detail does not add to total because of multiple responses and nohresponse.

"Multiple responses" is a term used to reflect the fact that individuals or their characteristics fall into more than one category. Using Table 3 for examples, those who fished in saltwater and freshwater appear in each of these totals. Yet each fisherman is represented once in the "Total, all fishing" row. Similarly, those who hunt for big game and small game are counted only once as a hunter. Therefore, totals may be smaller than the sum of subcategories when multiple responses are appropriate.

"Nonresponse" exists because the survey's questions were answered voluntarily. Some respondents did not answer all questions. The effect of nonresponses may be illustrated by Table 16, where the reported total for fishing and hunting expenditures may be than the sum of reported fishing expenditures plus reported hunting expenditures. This occurs because some respondents did not respond to the questions about the primary purpose of their expenditures. As a result, it is known that the expenditures were for fishing or hunting, but it is not known that they can be allocated to either fishing or hunting. In general, totals are greater than the sum of subcategories when nonresponses have occurred.

TABLE 1. FISHING AND HUNTING IN-STATE, BY RESIDENT AND NONRESIDENT SPORTSMEN: 1985

WASHINGTON

(16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS)

	TOTAL, RESIDENTS AND NONRESIDENTS		RESIDENTS		NONRESIDENTS	
ACTIVITY IN STATE	NUMBER	PERCENT OF SPORTSMEN	NUMBER	PERCENT OF SPORTSMEN	NUMBER	PERCENT OF SPORTSMEN
TOTAL, FISHING OR HUNTING . . .	1382.5	100	1090.5	100	292.1	100
TOTAL, FISHING. . .	1306.9	95	1025.1	94	281.8	96
FISHED ONLY . . .	1080.6	78	807.7	74	272.9	93
FISHED AND HUNTED	226.4	16	217.5	20	. . .	. . .
TOTAL, HUNTING. . .	301.9	22	282.8	26	19.2*	7*
HUNTED ONLY . . .	75.6	5	65.4	6	. . .	. . .
HUNTED AND FISHED	226.4	16	217.5	20	. . .	. . .

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 2. STATE RESIDENTS PARTICIPATING IN FISHING AND HUNTING: 1985

WASHINGTON

(NUMBERS IN THOUSANDS)

	16 YEARS OLD AND OLDER			12 YEARS OLD AND OLDER			9 YEARS OLD AND OLDER			6 YEARS OLD AND OLDER		
ACTIVITY	NUMBER	PERCENT OF SPORTSMEN IN AGE GROUP	PERCENT OF POPULATION	NUMBER	PERCENT OF SPORTSMEN IN AGE GROUP	PERCENT OF POPULATION	NUMBER	PERCENT OF SPORTSMEN IN AGE GROUP	PERCENT OF POPULATION	NUMBER	PERCENT OF SPORTSMEN IN AGE GROUP	PERCENT OF POPULATION
TOTAL, FISHING OR HUNTING . . .	1129.3	100	34	1253.5	100	35	1342.7	100	36	1418.9	100	36
TOTAL, FISHING. . .	1057.2	94	32	1179.4	94	33	1267.9	94	34	1344.1	95	34
FISHED ONLY . . .	833.0	74	25	941.2	75	26	1028.2	77	27	1101.9	78	28
FISHED AND HUNTED	224.2	20	7	238.2	19	7	239.7	18	6	242.2	17	6
TOTAL, HUNTING. . .	296.3	26	9	312.3	25	9	314.6	23	8	317.0	22	8
HUNTED ONLY . . .	72.1	6	2	74.2	6	2	74.9	6	2	74.9	5	2
HUNTED AND FISHED	224.2	20	7	238.2	19	7	239.7	18	6	242.2	17	6

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
COLUMNS SHOWING PERCENT OF SPORTSMEN ARE BASED ON THE TOTAL, FISHING OR HUNTING ROW. COLUMNS SHOWING PERCENT OF POPULATION ARE BASED ON THE STATE POPULATION IN EACH AGE CATEGORY, INCLUDING THOSE WHO DID NOT FISH OR HUNT. DATA REPORTED ON THIS TABLE FOR THOSE UNDER 16 YEARS OF AGE ARE FROM SCREENING INTERVIEWS IN WHICH ONE ADULT HOUSEHOLD MEMBER RESPONDED FOR ALL HOUSEHOLD MEMBERS.

TABLE 3. RESIDENT FISHERMEN AND HUNTERS, DAYS OF PARTICIPATION, AND TRIPS, BY TYPE OF FISHING AND HUNTING: 1985

WASHINGTON

(STATE RESIDENTS 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

TYPE OF FISHING AND HUNTING	PARTICIPANTS		DAYS OF PARTICIPATION		TRIPS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
FISHING						
TOTAL, ALL FISHING	1057.2	100	20958.1	100	19167.0	100
TOTAL, ALL FRESHWATER.	787.1	74	15705.6	75	14302.2	75
FRESHWATER, EXCEPT GREAT LAKES	787.1	74	15688.7	75	14285.5	75
GREAT LAKES.	...	...	...	...	...	...
SALTWATER.	548.5	52	5356.3	26	4864.8	25
HUNTING						
TOTAL, ALL HUNTING	296.3	100	4521.5	100	4306.8	100
BIG GAME	237.0	80	2247.5	50	1545.2	36
SMALL GAME	153.9	52	1551.8	34	1561.9	36
MIGRATORY BIRDS.	82.9	28	724.0	16	617.5	14
OTHER ANIMALS.	41.6	14	537.8	12	582.4	14

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 4. FISHERMEN AND HUNTERS, TRIPS, AND DAYS AND HOURS OF PARTICIPATION: 1985

WASHINGTON

(16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

FISHERMEN AND HUNTERS, TRIPS, DAYS AND HOURS OF PARTICIPATION	ACTIVITY IN STATE						ACTIVITY BY STATE RESIDENTS					
	TOTAL, STATE RESIDENTS AND NONRESIDENTS		STATE RESIDENTS		NONRESIDENTS		TOTAL, IN STATE OF RESIDENCE AND IN OTHER STATES		IN STATE OF RESIDENCE		IN OTHER STATES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
FISHING												
TOTAL FISHERMEN.	1306.9	100	1025.1	78	281.8	22	1057.2	100	1025.1	97	105.2	10
TOTAL TRIPS.	19233.5	100	17969.1	93	1264.5	7	19167.0	100	17969.1	94	1192.6	6
TRIPS FOR THE PRIMARY PURPOSE OF FISHING .	17184.0	100	16190.6	94	993.4	6	17209.6	100	16190.6	94	1019.0	6
TOTAL DAYS OF FISHING. .	21133.5	100	19543.3	92	1590.2	8	20958.1	100	19543.3	93	1414.8	7
AVERAGE DAYS OF FISHING.	16.2	(X)	19.1	(X)	5.6	(X)	19.8	(X)	19.1	(X)	13.4	(X)
AVERAGE HOURS PER DAY OF FISHING	5.0	(X)	5.1	(X)	4.4	(X)	5.1	(X)	5.1	(X)	5.3	(X)
AVERAGE ONE-WAY DISTANCE TRAVELED PER TRIP. . .	36.6	(X)	28.4	(X)	154.2	(X)	33.3	(X)	28.4	(X)	107.6	(X)
HUNTING												
TOTAL HUNTERS.	301.9	100	282.8	94	19.2*	6*	296.3	100	282.8	95	21.4*	7*
TOTAL TRIPS.	4322.4	100	4200.5	97	121.9*	3*	4306.8	100	4200.5	98	106.4*	2*
TRIPS FOR THE PRIMARY PURPOSE OF HUNTING .	3463.9	100	3364.0	97	99.9*	3*	3427.5	100	3364.0	98	63.5*	2*
TOTAL DAYS OF HUNTING. .	4510.6	100	4298.0	95	212.7*	5*	4521.5	100	4298.0	95	223.6*	5*
AVERAGE DAYS OF HUNTING.	14.9	(X)	15.2	(X)	11.1*	(X)	15.3	(X)	15.2	(X)	10.4*	(X)
AVERAGE HOURS PER DAY OF HUNTING	5.7	(X)	5.7	(X)	6.1*	(X)	5.8	(X)	5.7	(X)	7.0*	(X)
AVERAGE ONE-WAY DISTANCE TRAVELED PER TRIP. . .	41.3	(X)	39.8	(X)	94.0*	(X)	44.9	(X)	39.8	(X)	244.6*	(X)

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
(X) NOT APPLICABLE.
* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

TABLE 5. FRESHWATER FISHERMEN, TRIPS, DAYS AND HOURS OF FISHING, AND TYPE OF WATER: 1985

WASHINGTON

(16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS. EXCLUDES GREAT LAKES FISHING)

FISHERMEN, TRIPS, DAYS AND HOURS OF FISHING	ACTIVITY IN STATE						ACTIVITY BY STATE RESIDENTS					
	TOTAL, STATE RESIDENTS AND NONRESIDENTS		STATE RESIDENTS		NONRESIDENTS		TOTAL, IN STATE OF RESIDENCE AND IN OTHER STATES		IN STATE OF RESIDENCE		IN OTHER STATES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL FISHERMEN	928.2	100	763.0	82	165.2	18	787.1	100	763.0	97	76.0	10
TOTAL TRIPS	13937.8	100	13352.6	96	585.2	4	14285.5	100	13352.6	93	933.0	7
TRIPS FOR THE PRIMARY PURPOSE OF FISHING. .	12691.8	100	12230.6	96	461.2	4	13023.0	100	12230.6	94	792.4	6
TOTAL DAYS OF FISHING . .	15347.9	100	14573.6	95	774.4	5	15688.7	100	14573.6	93	1115.2	7
AVERAGE DAYS OF FISHING .	16.5	(X)	19.1	(X)	4.7	(X)	19.9	(X)	19.1	(X)	14.7	(X)
AVERAGE HOURS PER DAY OF FISHING.	5.1	(X)	5.1	(X)	5.1	(X)	5.1	(X)	5.1	(X)	5.5	(X)
AVERAGE ONE-WAY DISTANCE TRAVELED PER TRIP . . .	37.1	(X)	29.6	(X)	209.0	(X)	33.8	(X)	29.6	(X)	94.7	(X)
FISHERMEN												
TOTAL, ALL TYPES OF WATER	928.2	100	763.0	82	165.2	18	787.1	100	763.0	97	76.0	10
MANMADE IMPOUNDMENTS. .	272.5	100	188.1	69	84.4	31	203.2	100	188.1	93	27.0	13
NATURAL LAKES OR PONDS.	602.8	100	523.7	87	79.2	13	535.3	100	523.7	98	27.4*	5*
RIVERS OR STREAMS . . .	412.1	100	350.9	85	61.2	15	372.3	100	350.9	94	43.9	12
DAYS OF FISHING												
TOTAL, ALL TYPES OF WATER	15347.9	100	14573.6	95	774.4	5	15688.7	100	14573.6	93	1115.2	7
MANMADE IMPOUNDMENTS. .	4165.7	100	3863.6	93	302.2	7	4612.3	100	3863.6	84	748.8	16
NATURAL LAKES OR PONDS.	7192.0	100	6953.1	97	239.0	3	7189.4	100	6953.1	97	236.3*	3*
RIVERS OR STREAMS . . .	5700.5	100	5361.1	94	339.5	6	5614.9	100	5361.1	95	253.9	5

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
(X) NOT APPLICABLE.
* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

TABLE 6. FRESHWATER FISHERMEN AND DAYS OF FISHING, BY TYPE OF FISH: 1985

WASHINGTON

(16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS. EXCLUDES GREAT LAKES FISHING)

FISHERMEN AND DAYS OF FISHING	ACTIVITY IN STATE						ACTIVITY BY STATE RESIDENTS					
	TOTAL, STATE RESIDENTS AND NONRESIDENTS		STATE RESIDENTS		NONRESIDENTS		TOTAL, IN STATE OF RESIDENCE AND IN OTHER STATES		IN STATE OF RESIDENCE		IN OTHER STATES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
FISHERMEN												
TOTAL, ALL TYPES OF FISH	928.2	100	763.0	82	165.2	18	787.1	100	763.0	97	76.0	10
CRAPPIE.	98.1	100	82.3	84	...	...	86.0	100	82.3	96	...	...
PANFISH.	126.9	100	107.5	85	19.5*	15*	118.0	100	107.5	91	...	...
BLACK BASS	115.7	100	106.8	92	9.0*	8*	120.2	100	106.8	89	14.4*	12*
CATFISH, BULLHEADS. . .	45.7	100	42.8	94	...	...	50.1	100	42.8	85	...	...
WALLEYE, SAUGER	30.1*	100*	29.9*	99*	...	...	33.6	100	29.9*	89*	...	...
TROUT.	736.9	100	630.3	86	106.6	14	646.0	100	630.3	98	35.6	6
SALMON	99.7	100	75.8	76	24.0*	24*	80.5	100	75.8	94	...	...
STEELHEAD.	209.9	100	146.8	70	63.2*	30*	149.3	100	146.8	98	...	...
ANYTHING (1)	86.0	100	79.8	93	...	...	88.4	100	79.8	90	...	...
DAYS OF FISHING												
TOTAL, ALL TYPES OF FISH	15347.9	100	14573.6	95	774.4	5	15688.7	100	14573.6	93	1115.2	7
CRAPPIE.	1788.6	100	1706.9	95	...	...	1761.3	100	1706.9	97	...	...
PANFISH.	1878.4	100	1784.2	95	94.2*	5*	2057.0	100	1784.2	87	...	...
BLACK BASS	2654.2	100	2469.8	93	184.4*	7*	2815.5	100	2469.8	88	345.7*	12*
CATFISH, BULLHEADS. . .	1330.5	100	1317.4	99	...	...	1406.0	100	1317.4	94	...	...
WALLEYE, SAUGER	550.5*	100*	548.8*	100*	...	...	610.9	100	548.8*	90*	...	...
TROUT.	10057.1	100	9694.9	96	362.3	4	10061.5	100	9694.9	96	366.7	4
SALMON	1010.7	100	907.2	90	103.5*	10*	948.8	100	907.2	96	...	...
STEELHEAD.	3349.0	100	3227.1	96	122.0*	4*	3240.2	100	3227.1	100	...	...
ANYTHING (1)	1477.7	100	1443.6	98	...	...	1477.8	100	1443.6	98	...	...

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
EXCLUDES SPECIES WHERE THE ESTIMATE OF THE TOTAL IN STATE WAS BASED ON A SAMPLE SIZE THAT WAS TOO SMALL TO REPORT DATA RELIABLY.

(1) RESPONDENT IDENTIFIED "ANYTHING" FROM A LIST OF CATEGORIES OF FISH.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 7. GREAT LAKES FISHERMEN, TRIPS, DAYS AND HOURS OF FISHING: 1985

(NOT APPLICABLE TO THIS STATE)

TABLE 8. GREAT LAKES FISHERMEN AND DAYS OF FISHING, BY TYPE OF FISH: 1985

(NOT APPLICABLE TO THIS STATE)

TABLE 9. SALTWATER FISHERMEN, TRIPS, DAYS AND HOURS OF FISHING, TYPE OF WATER, AND MODE OF FISHING: 1985

WASHINGTON

(16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS, EXCLUDES GREAT LAKES FISHING)

FISHERMEN, TRIPS, DAYS AND HOURS OF FISHING	ACTIVITY IN STATE						ACTIVITY BY STATE RESIDENTS					
	TOTAL, STATE RESIDENTS AND NONRESIDENTS		STATE RESIDENTS		NONRESIDENTS		TOTAL, IN STATE OF RESIDENCE AND IN OTHER STATES		IN STATE OF RESIDENCE		IN OTHER STATES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL FISHERMEN.	657.4	100	524.7	80	132.7	20	548.5	100	524.7	96	33.8*	6*
TOTAL TRIPS.	5295.8	100	4616.5	87	679.3	13	4864.8	100	4616.5	95	243.0*	5*
TRIPS FOR THE PRIMARY PURPOSE OF FISHING . .	4492.3	100	3960.0	88	532.3	12	4169.9	100	3960.0	95	209.9*	5*
TOTAL DAYS OF FISHING. . .	5883.6	100	5051.6	86	832.1	14	5356.3	100	5051.6	94	299.4*	6*
AVERAGE DAYS OF FISHING. .	9.0	(X)	9.6	(X)	6.3	(X)	9.8	(X)	9.6	(X)	8.9*	(X)
AVERAGE HOURS PER DAY OF FISHING	4.7	(X)	4.9	(X)	3.7	(X)	4.9	(X)	4.9	(X)	4.9*	(X)
AVERAGE ONE-WAY DISTANCE TRAVELED PER TRIP. . . .	35.5	(X)	24.9	(X)	106.9	(X)	31.9	(X)	24.9	(X)	164.4*	(X)
TYPE OF WATER												
TOTAL FISHERMEN.	657.4	100	524.7	80	132.7	20	548.5	100	524.7	96	33.8*	6*
DEEP SEA (MORE THAN 3 MILES OFF SHORE) . .	109.9	100	83.8	76	26.2	24	91.6	100	83.8	91	...	...
OFFSHORE (.2 TO 3 MILES OFF SHORE)	174.5	100	126.9	73	47.7	27	141.1	100	126.9	90	17.5*	12*
SURF AND SHORE (LESS THAN .2 MILES OFF SHORE). .	257.9	100	200.1	78	57.9	22	208.6	100	200.1	96	...	...
SOUNDS AND BAYS.	379.6	100	314.8	83	64.8	17	318.5	100	314.8	99	9.4*	3*
TIDAL RIVERS AND STREAMS	...	...	...	...	4.9	33	...	...	...	...	...	...
MODE OF FISHING												
TOTAL FISHERMEN.	657.4	100	524.7	80	132.7	20	548.5	100	524.7	96	33.8*	6*
PARTY OR CHARTER BOAT. .	79.6	100	62.6	79	17.1*	21*	72.6	100	62.6	86	...	...
PRIVATE OR RENTAL BOAT .	394.2	100	323.5	82	70.8	18	329.8	100	323.5	98	17.0*	5*
SURF OR SHORE.	267.0	100	226.2	85	40.9*	15*	240.5	100	226.2	94	...	...
BRIDGE, PIER OR JETTY. .	115.7	100	82.1	71	33.7*	29*	87.1	100	82.1	94	...	...

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
(X) NOT APPLICABLE.
* ESTIMATE BASED ON A SMALL SAMPLE SIZE.
... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 10. HUNTERS, TRIPS, AND DAYS AND HOURS OF HUNTING, BY TYPE OF HUNTING: 1985

WASHINGTON

(16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS)

HUNTERS, TRIPS, DAYS, AND HOURS OF HUNTING	ACTIVITY IN STATE						ACTIVITY BY STATE RESIDENTS					
	TOTAL, STATE RESIDENTS AND NONRESIDENTS		STATE RESIDENTS		NONRESIDENTS		TOTAL, IN STATE OF RESIDENCE AND OTHER STATES		IN STATE OF RESIDENCE		IN OTHER STATES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
HUNTERS												
TOTAL, ALL HUNTING. .	301.9	100	282.8	94	19.2*	6*	296.3	100	282.8	95	21.4*	7*
BIG GAME.	236.7	100	223.5	94	...	...	237.0	100	223.5	94	20.4*	9*
SMALL GAME.	158.3	100	146.8	93	...	...	153.9	100	146.8	95	...	...
MIGRATORY BIRD. . .	85.4	100	79.0	93	...	...	82.9	100	79.0	95	...	...
OTHER ANIMALS . . .	40.8	100	40.8	100	...	...	41.6	100	40.8	98	...	...
TRIPS												
TOTAL, ALL HUNTING. .	4322.4	100	4200.5	97	121.9*	3*	4306.8	100	4200.5	98	106.4*	2*
BIG GAME.	1502.1	100	1466.1	98	...	...	1545.2	100	1466.1	95	79.1*	5*
SMALL GAME.	1594.6	100	1547.9	97	...	...	1561.9	100	1547.9	99	...	...
MIGRATORY BIRD. . .	644.2	100	605.0	94	...	...	617.5	100	605.0	98	...	...
OTHER ANIMALS . . .	581.7	100	581.7	100	...	...	582.4	100	581.7	100	...	...
TRIPS FOR THE PRIMARY PURPOSE OF HUNTING												
TOTAL, ALL HUNTING. .	3463.9	100	3364.0	97	99.9*	3*	3427.5	100	3364.0	98	63.5*	2*
BIG GAME.	1449.5	100	1412.3	97	...	...	1465.0	100	1412.3	96	52.7*	4*
SMALL GAME.	1165.5	100	1142.0	98	...	...	1149.8	100	1142.0	99	...	...
MIGRATORY BIRD. . .	541.1	100	502.0	93	...	...	505.0	100	502.0	99	...	...
OTHER ANIMALS . . .	307.9	100	307.9	100	...	...	307.9	100	307.9	100	...	...
DAYS OF HUNTING												
TOTAL, ALL HUNTING. .	4510.6	100	4298.0	95	212.7*	5*	4521.5	100	4298.0	95	223.6*	5*
BIG GAME.	2132.7	100	2076.8	97	...	...	2247.5	100	2076.8	92	170.7*	8*
SMALL GAME.	1599.9	100	1505.6	94	...	...	1551.8	100	1505.6	97	...	...
MIGRATORY BIRD. . .	787.4	100	701.4	89	...	...	724.0	100	701.4	97	...	...
OTHER ANIMALS . . .	530.0	100	530.0	100	...	...	537.8	100	530.0	99	...	...
AVERAGE HOURS PER DAY OF HUNTING												
TOTAL, ALL HUNTING. .	5.7	(X)	5.7	(X)	6.1*	(X)	5.8	(X)	5.7	(X)	7.0*	(X)
BIG GAME.	7.0	(X)	7.0	(X)	...	(X)	7.0	(X)	7.0	(X)	7.3*	(X)
SMALL GAME.	4.5	(X)	4.4	(X)	...	(X)	4.5	(X)	4.4	(X)	...	(X)
MIGRATORY BIRD. . .	5.3	(X)	5.2	(X)	...	(X)	5.2	(X)	5.2	(X)	...	(X)
OTHER ANIMALS . . .	3.4	(X)	3.4	(X)	...	(X)	3.5	(X)	3.4	(X)	...	(X)

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
(X) NOT APPLICABLE.
* ESTIMATE BASED ON A SMALL SAMPLE SIZE.
... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 11. HUNTERS AND DAYS OF HUNTING IN-STATE, BY TYPE OF GAME: 1985

WASHINGTON

(16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

TYPE OF GAME	HUNTERS, STATE RESIDENTS AND NONRESIDENTS		DAYS OF HUNTING	
	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL, ALL TYPES OF GAME	301.9	100	4510.6	100
BIG GAME, TOTAL.	236.7	78	2132.7	47
DEER	210.3	70	1631.2	36
ELK.	95.0	31	566.6	13
BEAR	14.5*	5*	100.4*	2*
SMALL GAME, TOTAL. . . .	158.3	52	1599.9	35
RABBITS OR HARES . . .	16.9*	6*	143.6*	3*
QUAIL.	34.6	11	343.6	8
GROUSE, PRAIRIE CHICK .	92.3	31	956.3	21
HUNGARIAN, CHUCKAR. . .	24.9*	8*	205.9*	5*
PHEASANT	88.8	29	768.2	17
MIGRATORY BIRDS, TOTAL .	85.4	28	787.4	17
GEESE.	48.0	16	358.9	8
DUCKS.	79.7	26	589.1	13
DOVES.	21.2*	7*	63.4*	1*
OTHER ANIMALS, TOTAL . .	40.8	14	530.0	12
GROUNDHOG.	11.4*	4*	137.5*	3*
COYOTE	33.4	11	373.9	8

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
EXCLUDES SPECIES WHERE THE ESTIMATE OF THE TOTAL IN STATE WAS BASED ON A SAMPLE SIZE THAT WAS TOO SMALL TO REPORT DATA RELIABLY.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE

TABLE 12. HUNTERS AND DAYS OF HUNTING IN-STATE, BY TYPE OF LAND: 1985

WASHINGTON

(16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

HUNTERS AND DAYS OF HUNTING	TOTAL, STATE RESIDENTS AND NONRESIDENTS		STATE RESIDENTS		NONRESIDENTS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
HUNTERS						
TOTAL, ALL TYPES OF LAND. .	301.9	100	282.8	100	19.2*	100*
PUBLIC LAND, TOTAL. . . .	238.6	79	227.2	80	...	...
PUBLIC LAND ONLY. . . .	116.7	39	110.5	39	...	...
PUBLIC AND PRIVATE LAND	121.9	40	116.8	41	...	...
PRIVATE LAND, TOTAL . . .	181.4	60	168.4	60	...	...
PRIVATE LAND ONLY . . .	59.5	20	51.7	18	...	...
PUBLIC AND PRIVATE LAND	121.9	40	116.8	41	...	...
DAYS OF HUNTING						
TOTAL, ALL TYPES OF LAND. .	4510.6	100	4298.0	100	212.7*	100*
PUBLIC LAND (1)	3766.1	83	3725.2	87	41.0*	19*
PRIVATE LAND (2).	2232.8	50	2033.6	47	199.3*	94*

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.

(1) DAYS OF HUNTING ON PUBLIC LAND INCLUDES BOTH DAYS SPENT SOLELY ON PUBLIC LAND AND THOSE SPENT ON PUBLIC AND PRIVATE LAND.

(2) DAYS OF HUNTING ON PRIVATE LAND INCLUDES BOTH DAYS SPENT SOLELY ON PRIVATE LAND AND THOSE SPENT ON PUBLIC AND PRIVATE LAND.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 13. HUNTERS AND DAYS OF HUNTING ON PUBLIC LAND IN-STATE: 1985

WASHINGTON

(16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

HUNTERS AND DAYS OF HUNTING	TOTAL, STATE RESIDENTS AND NONRESIDENTS		STATE RESIDENTS		NONRESIDENTS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
HUNTERS						
TOTAL, ALL PUBLIC LAND.	238.6	100	227.2	100	...	...
FEDERAL	136.2	57	127.2	56	...	...
STATE WILDLIFE AREA	77.3	32	76.0	33	...	...
OTHER STATE AREA.	65.4	27	65.4	29	...	...
LOCAL	25.7*	11*	25.7*	11*	...	...
UNSPECIFIED PUBLIC LAND (1) . .	65.7	28	64.2	28	...	...
DAYS OF HUNTING						
TOTAL, ALL PUBLIC LAND.	3766.1	100	3725.2	100	...	...
FEDERAL	1381.7	37	1349.1	36	...	...
STATE WILDLIFE AREA	775.3	21	770.9	21	...	...
OTHER STATE AREA.	678.0	18	678.0	18	...	...
LOCAL	256.2*	7*	256.2*	7*	...	...
UNSPECIFIED PUBLIC LAND (1) . .	675.1	18	671.1	18	...	...

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.

(1) RESPONDENT WAS UNABLE TO SAY WHETHER THE PUBLICLY HELD AREA WAS OWNED BY FEDERAL, STATE, OR LOCAL GOVERNMENT.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 14. SELECTED CHARACTERISTICS OF RESIDENT FISHERMEN AND HUNTERS : 1985

WASHINGTON

(STATE POPULATION 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

CHARACTERISTIC	POPULATION		SPORTSMEN (FISHED OR HUNTED)			FISHERMEN			HUNTERS		
	NUMBER	PERCENT	NUMBER	PERCENT WHO PARTICI- PATED	PERCENT OF SPORTSMEN	NUMBER	PERCENT WHO PARTICI- PATED	PERCENT OF FISHERMEN	NUMBER	PERCENT WHO PARTICI- PATED	PERCENT OF HUNTERS
TOTAL PERSONS . . .	3314.2	100	1129.3	34	100	1057.2	32	100	296.3	9	100
POPULATION DENSITY OF RESIDENCE											
URBAN	2045.5	62	612.8	30	54	574.8	28	54	140.3	7	47
RURAL	1268.7	38	516.5	41	46	482.5	38	46	156.1	12	53
SEX											
MALE.	1638.4	49	750.6	46	66	688.5	42	65	258.8	16	87
FEMALE.	1675.8	51	378.7	23	34	368.8	22	35	37.5*	2*	13*
AGE GROUP											
16 - 17 YEARS . .	137.8	4	26.5*	19*	2*	26.5*	19*	3*	...	...	...
18 - 24 YEARS . .	434.7	13	147.0	34	13	137.8	32	13	42.5	10	14
25 - 34 YEARS . .	777.6	23	340.4	44	30	314.9	40	30	92.4	12	31
35 - 44 YEARS . .	642.4	19	224.8	35	20	210.2	33	20	75.9	12	26
45 - 54 YEARS . .	434.2	13	148.4	34	13	138.4	32	13	25.4*	6*	9*
55 - 64 YEARS . .	406.1	12	144.9	36	13	137.6	34	13	26.4*	6*	9*
65 YEARS AND OLDER	481.6	15	97.5	20	9	92.0	19	9	23.8*	5*	8*
RACE											
WHITE	3051.8	92	1062.1	35	94	990.1	32	94	291.0	10	98
BLACK	90.7	3	24.6*	27*	2*	24.6*	27*	2*	...	...	...
ALL OTHERS. . . .	171.8	5	42.6*	25*	4*	42.6*	25*	4*	...	...	...
ANNUAL HOUSEHOLD INCOME											
UNDER $10,000 . .	421.6	13	131.2	31	12	125.1	30	12	42.9	10	14
$10,000 TO $19,999	757.0	23	256.9	34	23	235.0	31	22	68.9	9	23
$20,000 TO $24,999	304.2	9	67.6	22	6	65.0	21	6	22.1*	7*	7*
$25,000 TO $29,999	403.5	12	146.3	36	13	137.2	34	13	43.2	11	15
$30,000 TO $49,999	853.5	26	315.8	37	28	292.9	34	28	76.5	9	26
$50,000 OR MORE .	356.3	11	164.4	46	15	159.4	45	15	33.6	9	11
NOT REPORTED. . .	218.2	7	47.3*	22*	4*	42.9*	20*	4*	...	...	...
EDUCATION											
8 YEARS OR LESS .	178.9	5	28.9*	16*	3*	24.9*	14*	2*	12.1*	7*	4*
9 - 11 YEARS. . .	430.4	13	136.7	32	12	122.6	28	12	45.7	11	15
12 YEARS.	1241.4	37	368.2	30	33	337.0	27	32	108.9	9	37
1 - 3 YEARS COLLEGE	772.4	23	335.9	43	30	316.4	41	30	81.9	11	28
4 YEARS COLLEGE OR MORE	691.2	21	259.8	38	23	256.5	37	24	47.8	7	16

NOTE: PERCENT WHO PARTICIPATED SHOWS THE PERCENT OF EACH ROW'S POPULATION WHO PARTICIPATED IN THE ACTIVITY NAMED BY THE COLUMN (THE PERCENT OF THOSE LIVING IN URBAN AREAS WHO FISHED, ETC.). REMAINING PERCENT COLUMNS SHOW THE PERCENT OF EACH COLUMN'S PARTICIPANTS WHO ARE DESCRIBED BY THE ROW HEADING (THE PERCENT OF THOSE WHO FISHED WHO LIVED IN URBAN AREAS, ETC.).

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 15. SELECTED CHARACTERISTICS OF RESIDENT FISHERMEN AND HUNTERS 6-15 YEARS OLD: 1985

WASHINGTON

(STATE POPULATION 6-15 YEARS OLD, NUMBERS IN THOUSANDS)

CHARACTERISTIC	POPULATION		SPORTSMEN (FISHED OR HUNTED)			FISHERMEN			HUNTERS		
	NUMBER	PERCENT	NUMBER	PERCENT WHO PARTICIPATED	PERCENT OF SPORTSMEN	NUMBER	PERCENT WHO PARTICIPATED	PERCENT OF FISHERMEN	NUMBER	PERCENT WHO PARTICIPATED	PERCENT OF HUNTERS
TOTAL PERSONS . . .	638.3	100	289.7	45	100	286.9	45	100	20.8	3	100
POPULATION DENSITY OF RESIDENCE											
URBAN	381.6	60	148.2	39	51	147.5	39	51	8.0*	2*	38*
RURAL	256.8	40	141.5	55	49	139.4	54	49	12.8*	5*	62*
SEX											
MALE.	338.1	53	185.1	55	64	183.1	54	64	17.8*	5*	86*
FEMALE.	300.2	47	104.6	35	36	103.9	35	36	...	...	...
AGE GROUP											
6 - 8 YEARS . . .	191.2	30	76.2	40	26	76.2	40	27	...	...	...
9 - 11 YEARS. . .	182.5	29	89.3	49	31	88.6	49	31	...	...	...
12 - 15 YEARS . .	264.7	41	124.3	47	43	122.2	46	43	16.1*	6*	77*
RACE											
WHITE	575.4	90	275.9	48	95	273.7	48	95	18.5*	3*	89*
BLACK	16.7*	3*	...	...	...	...	...	...	...	...	...
ALL OTHERS. . . .	46.3	7	12.3*	26*	4*	11.7*	25*	4*	...	...	...
ANNUAL HOUSEHOLD INCOME											
UNDER $10,000 . .	76.5	12	28.8	38	10	27.5	36	10	...	...	...
$10,000 TO $19,999	140.2	22	56.7	40	20	56.0	40	20	...	...	...
$20,000 TO $24,999	52.6	8	21.2	40	7	21.2	40	7	...	...	...
$25,000 TO $29,999	93.1	15	35.4	38	12	35.4	38	12	...	...	...
$30,000 TO $49,999	177.7	28	104.2	59	36	103.4	58	36	7.7*	4*	37*
$50,000 OR MORE .	38.8	6	19.4*	50*	7*	19.4*	50*	7*	...	...	...
NOT REPORTED. . .	59.7	9	24.2	40	8	24.2	40	8	...	...	...

NOTE: PERCENT WHO PARTICIPATED SHOWS THE PERCENT OF EACH ROW'S POPULATION WHO PARTICIPATED IN THE ACTIVITY NAMED BY THE COLUMN (THE PERCENT OF THOSE LIVING IN URBAN AREAS WHO FISHED, ETC.). REMAINING PERCENT COLUMNS SHOW THE PERCENT OF EACH COLUMN'S PARTICIPANTS WHO ARE DESCRIBED BY THE ROW HEADING (THE PERCENT OF THOSE WHO FISHED WHO LIVED IN URBAN AREAS, ETC.).

DATA REPORTED ON THIS TABLE ARE FROM SCREENING INTERVIEWS IN WHICH ONE ADULT HOUSEHOLD MEMBER RESPONDED FOR ALL HOUSEHOLD MEMBERS.

INCLUDES STATE RESIDENTS WHO FISHED OR HUNTED IN OTHER COUNTRIES.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 16. SUMMARY OF EXPENDITURES IN THE U.S. BY STATE RESIDENTS FOR FISHING AND HUNTING: 1985

WASHINGTON

(STATE POPULATION 16 YEARS OLD AND OLDER.)

EXPENDITURE ITEM	FISHING AND HUNTING			FISHING			HUNTING		
	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER
TOTAL.	1091.8	802537.5	735	1017.7	549922.3	540	296.3	191958.3	648
FOOD AND LODGING	933.6	153321.6	164	855.7	112126.8	131	265.0	41194.8	155
TRANSPORTATION	933.1	134838.9	145	853.4	95510.8	112	286.2	39328.2	137
OTHER TRIP COSTS	843.0	85388.4	101	835.8	83048.8	99	16.3*	2339.6*	144*
EQUIPMENT (FISHING, HUNTING)	697.5	87003.6	125	631.1	50501.8	80	195.6	36501.9	187
LICENSES, STAMPS, TAGS AND PERMITS	882.4	21295.4	24	732.6	10755.4	15	279.4	10444.0	37
AUXILIARY EQUIPMENT.	304.0	30963.2	102	186.0	13311.4	72	126.5	15750.1	125
SPECIAL EQUIPMENT.	190.0	277797.5	1463	164.2	178746.5	1089	18.0*	42179.1*	2349*
MAGAZINES.	139.1	3454.8	25	58.6	1396.9	24	24.3*	718.2*	30*
MEMBERSHIP DUES AND CONTRIBUTIONS.	43.3	1491.2	34	23.3*	487.7*	21*	...	...	...
LAND LEASING AND OWNERSHIP .	...	...	...	...	...	...	...	...	...

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
SEE TABLES 19-21 FOR A DETAILED LISTING OF EXPENDITURE ITEMS.
EXPENDITURES REPORTED ACCORDING TO PRIMARY USE OF ITEM.
INCLUDES EXPENDITURES BY STATE RESIDENTS IN OTHER STATES.
* ESTIMATE BASED ON A SMALL SAMPLE SIZE.
... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 17. SUMMARY OF EXPENDITURES IN THE U.S. BY STATE RESIDENTS FOR FISHING, BY TYPE OF FISHING: 1985

WASHINGTON

(STATE POPULATION 16 YEARS OLD AND OLDER. AMOUNTS IN THOUSANDS)

EXPENDITURE ITEM	TOTAL, ALL FISHING			FRESHWATER FISHING			SALTWATER FISHING		
	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER
TOTAL.	1017.7	549922.3	540	772.3	314260.5	407	512.1	213675.7	417
FOOD AND LODGING . . .	855.7	112126.8	131	626.3	76394.7	122	447.1	35732.2	80
TRANSPORTATION	853.4	95510.8	112	649.0	72668.6	112	438.0	22842.2	52
OTHER TRIP COSTS . . .	835.8	83048.8	99	579.4	26832.5	46	420.9	56216.3	134
FISHING EQUIPMENT. . .	631.1	50501.8	80	477.3	29527.7	62	160.7	14606.7	91
LICENSES, STAMPS, TAGS AND PERMITS . .	732.6	10755.4	15	596.8	9277.5	16	227.9	1445.9	6
AUXILIARY EQUIPMENT. .	186.0	13311.4	72	123.8	8789.9	71	50.5	3255.6	65
SPECIAL EQUIPMENT. . .	164.2	178746.5	1089	103.3	87015.6	843	50.5	78277.2	1553
OTHER FISHING COSTS (1)	72.9	5921.2	81	39.3	3754.4	96	...	...	...

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
INCLUDES EXPENDITURES BY STATE RESIDENTS IN OTHER STATES.
(1) INCLUDES MAGAZINE SUBSCRIPTIONS, MEMBERSHIP DUES AND CONTRIBUTIONS, AND LAND LEASING AND OWNERSHIP.
... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 18. SUMMARY OF EXPENDITURES IN THE U.S. BY STATE RESIDENTS FOR HUNTING, BY TYPE OF HUNTING: 1985

WASHINGTON

(STATE POPULATION 16 YEARS OLD AND OLDER.)

	TOTAL, ALL HUNTING			BIG GAME HUNTING			SMALL GAME HUNTING		
EXPENDITURE ITEM	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER
TOTAL.	296.3	191958.3	648	237.0	136671.6	577	135.2	23123.1	171
FOOD AND LODGING . . .	265.0	41194.8	155	219.0	27862.0	127	108.3	8849.4	82
TRANSPORTATION	286.2	39328.2	137	227.9	24721.9	108	134.2	8040.2	60
OTHER TRIP COSTS . . .	16.3*	2339.6*	144*	...	...	...	...	...	...
HUNTING EQUIPMENT. . .	195.6	36501.9	187	115.5	16305.3	141	33.1	4459.3	135
LICENSES, STAMPS, TAGS AND PERMITS . .	279.4	10444.0	37	224.0	8151.1	36	69.5	1105.7	16
AUXILIARY EQUIPMENT. .	126.5	15750.1	125	91.3	12387.6	136	...	...	...
SPECIAL EQUIPMENT. . .	18.0*	42179.1*	2349*	17.2*	41984.8*	2444*	...	...	...
OTHER HUNTING COSTS (1)	34.0*	4220.9*	124*	26.3*	3508.6*	134*	...	...	...

	MIGRATORY BIRD HUNTING			OTHER ANIMALS HUNTING		
EXPENDITURE ITEM	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER
TOTAL.	81.3	18475.3	227	31.9	3593.7	113
FOOD AND LODGING . . .	61.1	3471.6	57	25.2	1012.1	40
TRANSPORTATION	72.7	4730.3	65	30.3	1836.0	61
OTHER TRIP COSTS . . .	...	...	...	...	...	...
HUNTING EQUIPMENT. . .	43.7	7099.0	163	...	...	...
LICENSES, STAMPS, TAGS AND PERMITS . .	72.1	970.5	13	...	...	...
AUXILIARY EQUIPMENT. .	19.6*	1120.3*	57*	...	...	...
SPECIAL EQUIPMENT. . .	...	...	...	...	...	...
OTHER HUNTING COSTS (1)	...	...	...	...	...	...

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE. INCLUDES EXPENDITURES BY STATE RESIDENTS IN OTHER STATES.

(1) INCLUDES MAGAZINE SUBSCRIPTIONS, MEMBERSHIP DUES AND CONTRIBUTIONS, AND LAND LEASING AND OWNERSHIP.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 19. EXPENDITURES IN THE U.S. BY STATE RESIDENTS FOR FISHING: 1985

WASHINGTON

(STATE POPULATION 16 YEARS OLD AND OLDER. INCLUDES GREAT LAKES AND SALTWATER FISHING EXPENDITURES)

	EXPENDITURES			SPENDERS		
EXPENDITURE ITEM	AMOUNT (THOUSANDS OF DOLLARS)	PERCENT NEW (1)	AVERAGE PER FISHERMAN (DOLLARS)	NUMBER (THOUSANDS)	PERCENT OF FISHERMEN	AVERAGE PER SPENDER (DOLLARS)
TOTAL, ALL ITEMS	549922.3	(X)	517	1017.7	96	540
TRIP-RELATED EXPENDITURES						
TOTAL TRIP-RELATED	290686.3	(X)	273	989.5	93	294
FOOD AND LODGING, TOTAL.	112126.8	(X)	105	855.7	80	131
FOOD	98998.9	(X)	93	848.9	80	117
LODGING.	13128.0	(X)	12	173.7	16	76
TRANSPORTATION	95510.8	(X)	90	853.4	80	112
OTHER TRIP COSTS, TOTAL.	83048.8	(X)	78	835.8	79	99
PRIVILEGE AND OTHER FEES (2) .	17054.6	(X)	16	255.8	24	67
BOAT FUEL.	30029.3	(X)	28	383.5	36	78
BOAT MOORING, STORAGE AND MAINTENANCE.	17725.0	(X)	17	115.0	11	154
BAIT	13993.3	(X)	13	637.6	60	22
ICE.	4246.8	(X)	4	349.8	33	12
EQUIPMENT AND OTHER EXPENDITURES PRIMARILY FOR FISHING						
FISHING EQUIPMENT, TOTAL	50501.8	97	47	631.1	59	80
RODS AND ROD MAKING COMPONENTS	13251.3	98	12	245.7	23	54
REELS.	7129.0	96	7	190.3	18	37
LINES, HOOKS, SINKERS, ETC.. .	10078.1	98	9	518.7	49	19
ARTIFICIAL LURES AND FLIES . .	10275.9	98	10	433.9	41	24
TACKLE BOXES	1371.2	90	1	84.3	8	16
CREELS, STRINGERS, FISH BAGS, LANDING NETS AND GAFF HOOKS.	478.9	100	(W)	65.1	6	7
MINNOW SEINES, TRAPS, BUCKETS AND PORTABLE BAIT CONTAINERS	153.1*	99*	(W)*	21.2*	2*	7*
SCALES AND KNIVES.	1264.1	100	1	93.7	9	13
OTHER FISHING EQUIPMENT (3). .	6500.6	93	6	147.8	14	44
LICENSES, STAMPS, TAGS AND PERMITS, TOTAL	10755.4	(X)	10	732.6	69	15
LICENSES	9032.5	(X)	8	620.8	58	15
STAMPS, TAGS AND PERMITS . . .	1722.9	(X)	2	254.5	24	7
AUXILIARY EQUIPMENT.	13311.4	81	13	186.0	17	72
SPECIAL EQUIPMENT.	178746.5	(X)	168	164.2	15	1089
OTHER FISHING COSTS (4).	5921.2	(X)	6	72.9	7	81

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
INCLUDES EXPENDITURES BY STATE RESIDENTS IN OTHER STATES.

(1) PERCENT OF EQUIPMENT EXPENDITURES FOR NEW RATHER THAN USED ITEMS.

(2) INCLUDES BOAT OR EQUIPMENT RENTAL AND FEES FOR BOAT LAUNCHING, GUIDES, PACK TRIP (PARTY AND CHARTER BOATS, ETC.), PUBLIC LAND USE, AND PRIVATE LAND USE.

(3) INCLUDES ELECTRONIC FISHING DEVICES (DEPTH FINDERS, FISH FINDERS, ETC.), ROD HOLDERS AND BELTS, SPEAR FISHING EQUIPMENT, ICE FISHING EQUIPMENT AND OTHER UNSPECIFIED FISHING EQUIPMENT.

(4) INCLUDES MAGAZINE SUBSCRIPTIONS, MEMBERSHIP DUES AND CONTRIBUTIONS, AND LAND LEASING AND OWNERSHIP.

(X) NOT APPLICABLE.

(W) LESS THAN .5 DOLLARS.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

TABLE 20. EXPENDITURES IN THE U.S. BY STATE RESIDENTS FOR HUNTING: 1985

WASHINGTON

(STATE POPULATION 16 YEARS OLD AND OLDER.)

	EXPENDITURES			SPENDERS		
EXPENDITURE ITEM	AMOUNT (THOUSANDS OF DOLLARS)	PERCENT NEW (1)	AVERAGE PER HUNTER (DOLLARS)	NUMBER (THOUSANDS)	PERCENT OF HUNTERS	AVERAGE PER SPENDER (DOLLARS)
TOTAL, ALL ITEMS	191958.3	(X)	648	296.3	100	648
TRIP-RELATED EXPENDITURES						
TOTAL TRIP-RELATED	82862.6	(X)	280	291.9	99	284
FOOD AND LODGING, TOTAL.	41194.8	(X)	139	265.0	89	155
FOOD	39371.6	(X)	133	265.0	89	149
LODGING.	1823.3*	(X)	6*	24.0*	8*	76*
TRANSPORTATION	39328.2	(X)	133	286.2	97	137
OTHER TRIP COSTS (2)	2339.6*	(X)	8*	16.3*	5*	144*
EQUIPMENT AND OTHER EXPENDITURES PRIMARILY FOR HUNTING						
HUNTING EQUIPMENT, TOTAL	36501.9	77	123	195.6	66	187
GUNS AND RIFLES.	15985.6	57	54	57.4	19	279
AMMUNITION	5899.5	95	20	139.9	47	42
OTHER HUNTING EQUIPMENT (3). .	14616.9	93	49	110.7	37	132
LICENSES, STAMPS, TAGS AND PERMITS, TOTAL	10444.0	(X)	35	279.4	94	37
LICENSES	5123.4	(X)	17	244.7	83	21
FEDERAL DUCK STAMPS.	601.4	(X)	2	80.2	27	8
OTHER STAMPS, TAGS AND PERMITS	4719.3	(X)	16	224.7	76	21
AUXILIARY EQUIPMENT.	15750.1	97	53	126.5	43	125
SPECIAL EQUIPMENT.	42179.1*	(X)	142*	18.0*	6*	2349*
OTHER HUNTING COSTS (4).	4220.9*	(X)	14*	34.0*	11*	124*

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
INCLUDES EXPENDITURES BY STATE RESIDENTS IN OTHER STATES.

(1) PERCENT OF EQUIPMENT EXPENDITURES FOR NEW RATHER THAN USED ITEMS.

(2) INCLUDES EQUIPMENT RENTAL (BOATS, CAMPTING EQUIPMENT, ETC.) AND FEES FOR GUIDES, PACK TRIPS, PUBLIC LAND USE, AND PRIVATE LAND USE.

(3) INCLUDES BOWS, ARROWS, ARCHERY EQUIPMENT, TELESCOPIC SIGHTS, DECOYS AND GAME CALLS, EQUIPMENT OR GAME CASES OR CARRIERS, HANDLOADING EQUIPMENT, HUNTING DOGS, HUNTING KNIVES, AND OTHER UNSPECIFIED HUNTING EQUIPMENT.

(4) INCLUDES MAGAZINE SUBSCRIPTIONS, MEMBERSHIP DUES AND CONTRIBUTIONS, AND LAND LEASING AND OWNERSHIP.

(X) NOT APPLICABLE.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

TABLE 21. EXPENDITURES BY STATE RESIDENTS FOR SPECIAL AND AUXILIARY EQUIPMENT PURCHASED PRIMARILY FOR FISHING OR HUNTING: 1985

WASHINGTON

(STATE POPULATION 16 YEARS OLD AND OLDER)

	EXPENDITURES			SPENDERS		
EQUIPMENT ITEM	AMOUNT (THOUSANDS OF DOLLARS)	PERCENT NEW (1)	AVERAGE PER SPORTSMAN (DOLLARS)	NUMBER (THOUSANDS)	PERCENT OF SPORTSMEN	AVERAGE PER SPENDER (DOLLARS)
SPECIAL EQUIPMENT						
SPECIAL EQUIPMENT, TOTAL.	277797.5	39	244	190.0	17	1463
BOATS AND CANOES.	94719.1	53	83	42.1	4	2255
OUTBOARD MOTOR, ELECTRIC TROLLING MOTOR AND OTHER BOAT ACCESSORIES .	28340.6	81	25	57.1	5	496
BOAT TRAILER, TRAILER HITCH	4643.3*	40*	4*	19.8*	2*	236*
TRAVEL OR TENT TRAILER, PICKUP, CAMPER, VAN, MOTOR HOME, CABIN. .	93558.6*	12*	82*	26.4*	2*	3550*
TRAIL BIKE, DUNE BUGGIE, 4X4 VEHICLE, 3-WHEELER, SNOWMOBILE. .	46819.1*	43*	41*	15.6*	1*	3013*
ICE CHEST	1692.2	99	1	79.1	7	21
OTHER SPECIAL EQUIPMENT	...	...	...	...	...	...
AUXILIARY EQUIPMENT						
AUXILIARY EQUIPMENT, TOTAL.	30963.2	81	27	304.0	27	102
CAMPING EQUIPMENT	6136.2	88	5	80.4	7	76
FOUL WEATHER GEAR	3673.4	99	3	84.8	7	43
SPECIAL FISHING OR HUNTING CLOTHES.	6520.2	94	6	104.1	9	63
RUBBER BOOTS AND WADERS	2987.1	98	3	78.4	7	38
MAINTENANCE AND REPAIR OF EQUIPMENT	2499.6*	(X)	2*	17.3*	2*	145*
FISHING OR HUNTING BOOTS.	2680.2	96	2	45.9	4	59
OTHER AUXILIARY EQUIPMENT (2) . . .	6466.8	67	6	74.5	7	87

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE. INCLUDES EXPENDITURES BY STATE RESIDENTS IN OTHER STATES.

(1) PERCENT OF EQUIPMENT EXPENDITURES FOR NEW RATHER THAN USED ITEMS.

(2) INCLUDES BINOCULARS, FIELD GLASSES, SNOW SHOES AND SKIS, PROCESSING AND TAXIDERMY COSTS AND OTHER UNSPECIFIED EQUIPMENT.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

(X) NOT APPLICABLE.

TABLE 22. IN-STATE TRIP-RELATED EXPENDITURES FOR FISHING AND HUNTING: 1985

WASHINGTON

(POPULATION 16 YEARS OLD AND OLDER.)

EXPENDITURE ITEM	TOTAL, STATE RESIDENTS AND NONRESIDENTS			STATE RESIDENTS			NONRESIDENTS		
	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER (DOLLARS)	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER (DOLLARS)	SPENDERS (THOUSANDS)	AMOUNT (THOUSANDS OF DOLLARS)	AVERAGE PER SPENDER (DOLLARS)
TRIP-RELATED EXPENDITURES FOR FISHING AND HUNTING .	1302.2	406821.5	312	1055.3	347716.2	330	256.0	59105.3	231
TRIP-RELATED EXPENDITURES FOR FISHING									
TOTAL	1214.0	322395.4	266	977.6	273931.2	280	245.6	48464.3	197
FOOD AND LODGING. . . .	1034.6	130087.9	126	840.6	105630.1	126	197.6	24457.9	124
TRANSPORTATION.	1053.7	104185.6	99	836.7	88354.3	106	220.5	15831.4	72
PRIVILEGE AND OTHER FEES (1). . . .	302.8	18230.8	60	255.8	15966.1	62	47.0	2264.7	48
BOAT FUEL	445.0	31334.6	70	378.9	29399.8	78	69.5	1934.8	28
BOAT MOORING, STORAGE AND MAINTENANCE . . .	116.2	17746.9	153	113.0	17690.3	157	...	...	...
BAIT.	750.4	13735.0	18	637.6	12816.7	20	112.8	918.4	8
ICE	447.1	4673.4	10	344.4	4065.9	12	102.8	607.6	6
TRIP-RELATED EXPENDITURES FOR HUNTING									
TOTAL	305.2	84426.2	277	285.9	73785.1	258	19.3*	10641.1*	552*
FOOD AND LODGING. . . .	279.1	38984.4	140	259.8	36418.2	140	19.3*	2566.2*	133*
TRANSPORTATION.	299.6	42172.6	141	280.3	36518.0	130	19.3*	5654.6*	293*
PRIVILEGE AND OTHER FEES (1). . . .	22.1*	3269.3*	148*	...	...	...	...	...	...

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.

(1) INCLUDES BOAT AND EQUIPMENT RENTAL AND FEES FOR GUIDES, PACK TRIPS, PUBLIC LAND USE, PRIVATE LAND USE, AND BOAT LAUNCHING (FISHING ONLY).

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

WILDLIFE MANAGEMENT REGIONS

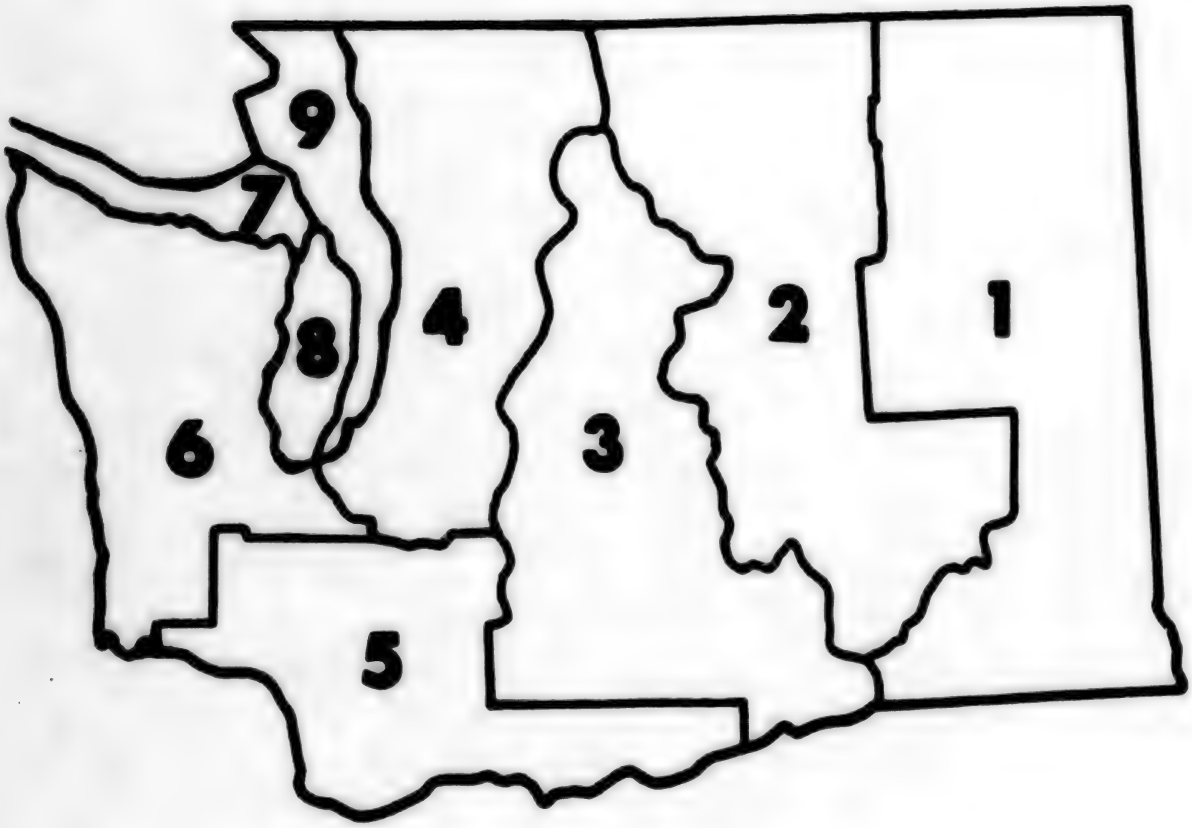


TABLE 23. FISHERMEN AND HUNTERS, TRIPS AND DAYS OF PARTICIPATION, BY STATE WILDLIFE MANAGEMENT REGION: 1985

WASHINGTON

(16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

	TOTAL, ALL REGIONS			REGION 1		
ACTIVITY	PARTICIPANTS	DAYS OF PARTICIPATION	TRIPS	PARTICIPANTS	DAYS OF PARTICIPATION	TRIPS
RESIDENT AND NONRESIDENT						
FISHING.	1306.9	21133.5	19233.5	171.5	1997.8	1754.9
HUNTING.	301.9	4510.6	4322.4	52.8	303.0	240.0
RESIDENT						
FISHING.	1025.1	19543.3	17969.1	152.6	1827.4	1597.9
HUNTING.	282.8	4298.0	4200.5	45.3	276.1	227.2
BIG GAME . . .	223.5	2076.8	1466.1	39.1	154.9	85.3
SMALL GAME . .	146.8	1505.6	1547.9	21.5*	111.0*	99.0*
MIGRATORY BIRD	79.0	701.4	605.0	...	...	...
OTHER ANIMALS.	40.8	530.0	581.7	...	...	...
NONRESIDENT						
FISHING.	281.8	1590.2	1264.5	19.0*	170.4*	157.0*
HUNTING.	19.2*	212.7*	121.9*	...	...	...

	REGION 2			REGION 3			REGION 4		
ACTIVITY	PARTICIPANTS	DAYS OF PARTICIPATION	TRIPS	PARTICIPANTS	DAYS OF PARTICIPATION	TRIPS	PARTICIPANTS	DAYS OF PARTICIPATION	TRIPS
RESIDENT AND NONRESIDENT									
FISHING.	258.3	5093.4	4476.1	91.9	477.3	251.2	287.5	3275.0	3233.9
HUNTING.	136.7	2080.3	2280.1	59.0	415.2	171.3	52.1	466.7	452.5
RESIDENT									
FISHING.	231.0	4937.3	4373.9	91.7	477.3	250.3	243.6	3107.4	3115.6
HUNTING.	128.8	2030.1	2243.5	51.5	390.3	162.2	50.8	460.9	450.1
BIG GAME . . .	86.9	755.1	608.7	39.5	280.4	71.9	39.2	276.7	221.6
SMALL GAME . .	78.0	788.6	908.3	16.5*	83.5*	45.8*	22.5*	130.9*	126.6*
MIGRATORY BIRD	44.7	337.0	275.8	11.5*	58.0*	43.1*	13.3*	72.2*	74.5*
OTHER ANIMALS.	32.3	392.4	450.9	...	...	...	...	...	...
NONRESIDENT									
FISHING.	27.4*	156.1*	102.3*	...	...	...	43.9*	167.7*	118.4*
HUNTING.	...	...	...	...	...	...	...	...	...

(CONTINUED)

TABLE 23. FISHERMEN AND HUNTERS, TRIPS AND DAYS OF PARTICIPATION, BY STATE WILDLIFE MANAGEMENT REGION: 1985 (continued)

WASHINGTON

(16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS)

	REGION 5			REGION 6			REGION 7		
ACTIVITY	PARTICI- PANTS	DAYS OF PARTIC- IPATION	TRIPS	PARTICI- PANTS	DAYS OF PARTIC- IPATION	TRIPS	PARTICI- PANTS	DAYS OF PARTIC- IPATION	TRIPS
RESIDENT AND NONRESIDENT									
FISHING.	181.2	1812.4	1668.7	202.2	1791.4	1651.1	143.3	1315.3	1149.6
HUNTING.	33.7	333.1	268.5	50.0	600.3	617.3	...	...	...
RESIDENT									
FISHING.	108.8	1590.1	1490.4	175.0	1706.5	1570.8	123.5	1224.8	1088.1
HUNTING.	33.7	333.1	268.5	44.6	589.5	604.1	...	...	...
BIG GAME . . .	27.1*	203.4*	139.8*	38.7	373.8	309.4	...	...	...
SMALL GAME . .	...	...	...	25.7*	260.8*	246.8*	...	...	...
MIGRATORY BIRD	...	...	...	...	...	...	...	...	...
OTHER ANIMALS.	...	...	...	...	...	...	...	...	...
NONRESIDENT									
FISHING.	72.4	222.3	178.3	27.2	84.9	80.3	19.9*	90.6*	61.5*
HUNTING.	...	...	...	...	...	...	...	...	...

	REGION 8			REGION 9		
ACTIVITY	PARTICI- PANTS	DAYS OF PARTIC- IPATION	TRIPS	PARTICI- PANTS	DAYS OF PARTIC- IPATION	TRIPS
RESIDENT AND NONRESIDENT						
FISHING.	235.3	2283.9	2226.4	313.1	3087.4	2822.0
HUNTING.	...	...	...	20.0*	235.7*	195.7*
ESIDENT						
FISHING.	184.6	2176.8	2127.4	246.5	2496.1	2355.0
HUNTING.	...	...	...	10.5*	141.9*	148.7*
BIG GAME . . .	...	...	...	...	...	...
SMALL GAME . .	...	...	...	...	...	...
MIGRATORY BIRD	...	...	...	...	...	...
OTHER ANIMALS.	...	...	...	...	...	...
NONRESIDENT						
FISHING.	50.8	107.2	99.0	66.6	591.3	467.0
HUNTING.	...	...	...	...	...	...

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
* ESTIMATE BASED ON A SMALL SAMPLE SIZE.
... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 24. RESIDENT FISHERMEN AND HUNTERS AND DAYS OF PARTICIPATION, BY PLACE FISHED OR HUNTED AND ONE-WAY DISTANCE TRAVELED ON IN-STATE TRIPS: 1985

WASHINGTON

(STATE RESIDENTS 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

PLACE FISHED OR HUNTED AND ONE-WAY DISTANCE TRAVELED ON IN-STATE TRIPS	FISHING						HUNTING					
	FISHERMEN		DAYS		TRIPS		HUNTERS		DAYS		TRIPS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
PLACE FISHED OR HUNTED												
TOTAL, ALL PLACES	1057.2	100	20958.1	100	19167.0	100	296.3	100	4521.5	100	4306.8	100
IN-STATE ONLY	946.7	90	17683.1	84	16311.2	85	274.9	93	4192.9	93	4079.2	95
IN-STATE AND OTHER STATES (1)	78.5	7	2926.5	14	2487.3	13	...	...	...	...	...	...
IN OTHER STATES ONLY	26.7*	3*	348.6*	2*	363.2*	2*	...	...	...	...	...	...
ONE-WAY DISTANCE TRAVELED ON IN-STATE TRIPS (2)												
TOTAL	1025.1	100	19543.3	100	17969.1	100	282.8	100	4290.0	100	4200.5	100
1-5 MILES	293.0	29	6422.0	33	6373.1	35	38.0	13	611.2	14	684.5	16
6-24 MILES	365.5	36	5863.0	30	5807.7	32	86.9	31	1183.0	28	1363.1	32
25-49 MILES	231.8	23	2754.8	14	2595.2	14	83.3	29	904.4	21	1037.1	25
50-99 MILES	267.9	26	2101.6	11	1774.0	10	82.8	29	675.8	16	680.8	16
100-249 MILES	260.6	25	2009.9	10	1210.1	7	91.7	32	854.5	20	397.3	9
250 MILES OR MORE	58.2	6	345.3	2	161.3	1	...	...	...	...	...	...

NOTE: DETAIL MAY NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.

(1) DAYS AND TRIPS ARE TOTALS FOR THOSE WHO FISHED OR HUNTED IN STATE AND OTHER STATES.

(2) EVERY FISHERMAN OR HUNTER, DAY AND TRIP IS CLASSIFIED ACCORDING TO THE ONE-WAY DISTANCE TRAVERLED ON EACH FISHING OR HUNTING TRIP.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 25. RESIDENTS PARTICIPATING IN NONCONSUMPTIVE ACTIVITIES, BY AGE: 1985

WASHINGTON

(NUMBERS IN THOUSANDS)

PARTICIPANTS	16 YEARS OLD AND OLDER			12 YEARS OLD AND OLDER		
	NUMBER	PERCENT OF PARTIC-IPANTS IN AGE GROUP	PERCENT OF POP-ULATION	NUMBER	PERCENT OF PARTIC-IPANTS IN AGE GROUP	PERCENT OF POP-ULATION
TOTAL PARTICIPANTS	2885.7	100	87	3117.0	100	87
PRIMARY ACTIVITIES						
TOTAL PRIMARY PARTICIPANTS	2433.0	84	73	2596.0	83	73
NONRESIDENTIAL	652.6	23	20	718.9	23	20
RESIDENTIAL	2300.5	80	69	2450.8	79	68
OBSERVE WILDLIFE OR VISIT PUBLIC PARKS	1683.8	58	51	1759.5	56	49
PHOTOGRAPH WILDLIFE	375.5	13	11	393.5	13	11
FEED WILD BIRDS OR OTHER WILDLIFE	1800.3	62	54	1925.2	62	54
MAINTAIN PLANTINGS OR NATURAL AREAS	393.1	14	12	408.3	13	11
SECONDARY ACTIVITIES						
TOTAL SECONDARY PARTICIPANTS	2777.5	96	84	3000.8	96	84
NONRESIDENTIAL	2288.2	79	69	2467.9	79	69
RESIDENTIAL	2504.2	87	76	2699.6	87	75

PARTICIPANTS	9 YEARS OLD AND OLDER			6 YEARS OLD AND OLDER		
	NUMBER	PERCENT OF PARTIC-IPANTS IN AGE GROUP	PERCENT OF POP-ULATION	NUMBER	PERCENT OF PARTIC-IPANTS IN AGE GROUP	PERCENT OF POP-ULATION
TOTAL PARTICIPANTS	3274.5	100	87	3443.0	100	87
PRIMARY ACTIVITIES						
TOTAL PRIMARY PARTICIPANTS	2723.7	83	72	2859.7	83	72
NONRESIDENTIAL	785.0	24	21	852.9	25	22
RESIDENTIAL	2565.9	78	68	2684.7	78	68
OBSERVE WILDLIFE OR VISIT PUBLIC PARKS	1826.5	56	49	1890.3	55	48
PHOTOGRAPH WILDLIFE	402.9	12	11	404.6	12	10
FEED WILD BIRDS OR OTHER WILDLIFE	2015.9	62	54	2111.8	61	53
MAINTAIN PLANTINGS OR NATURAL AREAS	417.0	13	11	421.0	12	11
SECONDARY ACTIVITIES						
TOTAL SECONDARY PARTICIPANTS	3152.4	96	84	3316.8	96	84
NONRESIDENTIAL	2598.2	79	69	2729.8	79	69
RESIDENTIAL	2830.2	86	75	2971.6	86	75

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
COLUMNS SHOWING PERCENT OF PARTICIPANTS ARE BASED ON THE FIRST ROW OF EACH COLUMN. COLUMNS SHOWING PERCENT OF POPULATION IN AGE GROUP ARE BASED ON THE STATE POPULATION IN EACH AGE CATEGORY, INCLUDING THOSE WHO DID NOT PARTICIPATE IN NONCONSUMPTIVE ACTIVITIES.
DATA REPORTED ON THIS TABLE FOR THOSE UNDER 16 YEARS OF AGE ARE FROM SCREENING INTERVIEWS IN WHICH ONE ADULT HOUSEHOLD MEMBER RESPONDED FOR ALL HOUSEHOLD MEMBERS.

TABLE 26. PARTICIPANTS, TRIPS, AND DAYS AND HOURS OF PARTICIPATION IN PRIMARY NONRESIDENTIAL ACTIVITIES: 1985

WASHINGTON

(16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

PARTICIPANTS, TRIPS, DAYS AND HOURS OF PARTICIPATION	ACTIVITY IN STATE						ACTIVITY BY STATE RESIDENTS					
	TOTAL, STATE RESIDENTS AND NONRESIDENTS		STATE RESIDENTS		NONRESIDENTS		TOTAL, IN STATE OF RESIDENCE AND OTHER STATES		IN STATE OF RESIDENCE		IN OTHER STATES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
PARTICIPANTS												
TOTAL PARTICIPANTS. . . .	748.7	100	605.2	100	143.6	100	652.6	100	605.2	100	127.1*	100*
OBSERVE WILDLIFE. . . .	733.1	98	593.2	98	139.9	97	640.6	98	593.2	98	116.3*	92*
PHOTOGRAPH WILDLIFE . .	369.8	49	282.4	47	87.4	61	309.7	47	282.4	47	70.5*	55*
FEED WILDLIFE	271.0	36	225.7	37	45.3*	32*	233.0	36	225.7	37	...	...
TRIPS												
TOTAL TRIPS	5085.9	100	4833.1	100	252.9	100	5437.0	100	4833.1	100	604.0*	100*
1 DAY TRIPS	4376.7	86	4206.0	87	170.8	68	4415.1	81	4206.0	87	209.2*	35*
2 OR MORE DAY TRIPS . .	709.2	14	627.2*	13*	82.1	32	1022.0	19	627.2*	13*	394.9*	65*
AVERAGE DAYS PER TRIP . .	1.2	(X)	1.1	(X)	1.9	(X)	1.3	(X)	1.1	(X)	2.4*	(X)
AVERAGE ONE-WAY DISTANCE TRAVELED PER TRIP . . .	30.8	(X)	18.3	(X)	273.2	(X)	31.6	(X)	18.3	(X)	143.3*	(X)
DAYS AND HOURS OF PARTICIPATION												
TOTAL DAYS.	5900.5	100	5408.8	100	491.7	100	6840.8	100	5408.8	100	1432.0*	100*
OBSERVING WILDLIFE. . .	5678.3	96	5215.7	96	462.7	94	6475.0	95	5215.7	96	1259.3*	88*
PHOTOGRAPHING WILDLIFE.	2286.2	39	2076.9	38	209.3	43	2717.5	40	2076.9	38	640.6*	45*
FEEDING WILDLIFE. . . .	2291.9	39	2218.8	41	73.2*	15*	2414.7	35	2218.8	41	...	...
AVERAGE DAYS PER												
PARTICIPANT	7.9	(X)	8.9	(X)	3.4	(X)	10.5	(X)	8.9	(X)	11.3*	(X)
OBSERVING WILDLIFE. . .	7.7	(X)	8.8	(X)	3.3	(X)	10.1	(X)	8.8	(X)	10.8*	(X)
PHOTOGRAPHING WILDLIFE.	6.2	(X)	7.4	(X)	2.4	(X)	8.8	(X)	7.4	(X)	9.1*	(X)
FEEDING WILDLIFE. . . .	8.5	(X)	9.8	(X)	1.6*	(X)	10.4	(X)	9.8	(X)	...	(X)
AVERAGE HOURS PER DAY . .	3.7	(X)	3.6	(X)	4.7	(X)	3.9	(X)	3.6	(X)	5.0*	(X)

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
(X) NOT APPLICABLE.
* ESTIMATE BASED ON A SMALL SAMPLE SIZE.
... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 27. NONRESIDENTIAL PARTICIPANTS VISITING PUBLIC AREAS IN THE U.S.: 1985

WASHINGTON

(16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

	ACTIVITY BY STATE RESIDENTS (1)						PRIMARY NONRESIDENTIAL ACTIVITY IN STATE					
	TOTAL, PRIMARY OR SECONDARY PARTICIPANTS		PRIMARY PARTICIPANTS		SECONDARY PARTICIPANTS		TOTAL, RESIDENTS AND NONRESIDENTS		RESIDENTS		NONRESIDENTS	
PARTICIPANTS	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL PARTICIPANTS . . .	2416.6	100	652.6	100	2288.2	100	748.7	100	605.2	100	143.6	100
VISITED PUBLIC AREAS .	1921.5	80	588.0	90	1736.6	76	679.8	91	540.6	89	139.2	97
DID NOT VISIT PUBLIC AREAS	495.2	20	64.6*	10*	551.6	24	69.0*	9*	64.6*	11*	...	...
PARTICIPANTS VISITING PUBLIC AREAS												
TOTAL (2).	1921.5	100	588.0	100	1736.6	100	679.8	100	540.6	100	139.2	100
FEDERAL AREAS.	1040.2	54	276.0	47	951.4	55	321.8	47	246.9	46	75.0	54
STATE AREAS.	1193.0	62	278.4	47	1028.4	59	304.9	45	240.2	44	64.7	46
LOCAL AREAS.	452.3	24	122.0*	21*	350.4	20	144.5	21	118.5*	22*	26.1*	19*
UNSPECIFIED PUBLIC AREAS (3) . .	668.3	35	186.8	32	549.9	32	233.1	34	162.0	30	71.2*	51*

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.

(1) INCLUDES VISITS BY STATE RESIDENTS IN OTHER STATES.

(2) INCLUDES THOSE WHO VISITED PUBLIC AREAS ONLY AND THOSE WHO VISITED BOTH PRIVATE AND PUBLIC AREAS. DOES NOT INCLUDE PARTICIPANTS WHO VISITED PRIVATE AREAS ONLY OR THOSE WHO WERE UNABLE TO SAY WHETHER THE AREA WAS PRIVATELY OR PUBLICLY OWNED.

(3) RESPONDENT WAS UNABLE TO SAY WHETHER THE PUBLICLY HELD AREA WAS OWNED BY FEDERAL, STATE OR LOCAL GOVERNMENT.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 28. STATE RESIDENTS PARTICIPATING IN PRIMARY RESIDENTIAL ACTIVITIES: 1985

WASHINGTON

(STATE RESIDENTS 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

PRIMARY RESIDENTIAL ACTIVITY	PARTICIPANTS NUMBER	PARTICIPANTS PERCENT
TOTAL PRIMARY RESIDENTIAL PARTICIPANTS	2300.5	100
OBSERVE WILDLIFE	1461.6	64
VISIT PUBLIC PARKS (1)	516.8	22
PHOTOGRAPH WILDLIFE	375.5	16
FEED WILDLIFE	1800.3	78
MAINTAIN NATURAL AREAS	264.5	11
MAINTAIN PLANTINGS	227.7	10
OBSERVE WILDLIFE		
PARTICIPANTS OBSERVING:		
TOTAL, ALL WILDLIFE	1461.6	100
BIRDS	1388.8	95
FISH	270.4	18
SMALL LAND MAMMALS	909.0	62
LARGE LAND MAMMALS	370.2	25
AMPHIBIANS OR REPTILES	220.3	15
INSECTS OR SPIDERS	424.0	29
OTHER WILDLIFE	53.3*	4*
PARTICIPANTS MOST OFTEN OBSERVING:		
TOTAL, ALL WILDLIFE	1461.6	100
BIRDS	1245.8	85
FISH	...	...
SMALL LAND MAMMALS	112.4	8
LARGE LAND MAMMALS	51.4*	4*
AMPHIBIANS OR REPTILES	...	...
INSECTS OR SPIDERS	...	...
OTHER WILDLIFE	...	...
PARTICIPANTS OBSERVING:		
TOTAL, 1 DAY OR MORE	1461.6	100
1-10 DAYS	268.0	18
11-50 DAYS	447.5	31
51-200 DAYS	305.1	21
201 DAYS OR MORE	441.2	30
VISIT PUBLIC PARKS (1)		
PARTICIPANTS VISITING:		
TOTAL, 1 DAY OR MORE	516.8	100
1-5 DAYS	189.8	37
6-11 DAYS	118.2*	23*
12 DAYS OR MORE	192.4	37
PHOTOGRAPH WILDLIFE		
PARTICIPANTS PHOTOGRAPHING:		
TOTAL, 1 DAY OR MORE	375.5	100
1-3 DAYS	190.4	51
4-10 DAYS	136.8	36
10 OR MORE DAYS	40.2*	11*
FEED WILDLIFE		
PARTICIPANTS FEEDING:		
TOTAL, ALL WILDLIFE	1800.3	100
WILD BIRDS	1734.8	96
OTHER WILDLIFE	453.2	25
AVERAGE MONTHS FEEDING WILD BIRDS (2)	4.9	(X)
AVERAGE MONTHS FEEDING OTHER WILDLIFE	5.8	(X)
MAINTAIN NATURAL AREAS		
PARTICIPANTS MAINTAINING:		
TOTAL, ALL ACREAGES	264.5	100
LESS THAN 1 ACRE	120.9*	46*
1-10 ACRES	94.6*	36*
MORE THAN 10 ACRES	...	...

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
(1) INCLUDES VISITS ONLY TO PARKS OR PUBLICLY OWNED AREAS WITHIN ONE MILE OF HOME.
(2) BASED ON THE NUMBER OF MONTHS WHERE PARTICIPANT FED WILD BIRDS AT LEAST ONCE A WEEK.
(X) NOT APPLICABLE.
* ESTIMATE BASED ON A SMALL SAMPLE SIZE.
... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 29. SELECTED CHARACTERISTICS OF STATE RESIDENTS PARTICIPATING IN PRIMARY NONCONSUMPTIVE ACTIVITIES: 1985

WASHINGTON

(STATE POPULATION 16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS)

	POPULATION		PRIMARY PARTICIPANTS								
			TOTAL			NONRESIDENTIAL			RESIDENTIAL		
CHARACTERISTIC	NUMBER	PERCENT	NUMBER	PERCENT WHO PARTICIPATED	PERCENT	NUMBER	PERCENT WHO PARTICIPATED	PERCENT	NUMBER	PERCENT WHO PARTICIPATED	PERCENT
TOTAL PERSONS . . .	3314.2	100	2433.0	73	100	652.6	20	100	2300.5	69	100
POPULATION DENSITY OF RESIDENCE											
URBAN	2045.5	62	1422.0	70	58	394.6	19	60	1311.5	64	57
RURAL	1268.7	38	1011.1	80	42	258.1	20	40	989.0	78	43
SEX											
MALE.	1638.4	49	1159.0	71	48	328.9	20	50	1113.7	68	48
FEMALE.	1675.8	51	1274.0	76	52	323.7	19	50	1186.8	71	52
AGE GROUP											
16 - 17 YEARS . .	137.8	4	50.5*	37*	2*	...	...	...	50.5*	37*	2*
18 - 24 YEARS . .	434.7	13	295.6	68	12	112.9*	26*	17*	280.8	65	12
25 - 34 YEARS . .	777.6	23	639.2	82	26	222.1	29	34	565.1	73	25
35 - 44 YEARS . .	642.4	19	396.5	62	16	149.0	23	23	386.7	60	17
45 - 54 YEARS . .	434.2	13	334.1	77	14	70.0*	16*	11*	306.7	71	13
55 - 64 YEARS . .	406.1	12	357.4	88	15	41.1*	10*	6*	351.0	86	15
65 YEARS AND OLDER	481.6	15	360.0	75	15	45.2*	9*	7*	360.0	75	16
RACE											
WHITE	3051.8	92	2334.2	76	96	635.9	21	97	2201.6	72	96
BLACK	90.7	3	...	...	...	...	...	...	...	...	...
ALL OTHERS. . . .	171.8	5	61.4*	36*	3*	...	...	...	61.4*	36*	3*
ANNUAL HOUSEHOLD INCOME											
UNDER $10,000 . .	421.6	13	393.9	93	16	100.4*	24*	15*	384.5	91	17
$10,000 TO $19,999	757.0	23	565.1	75	23	206.5	27	32	528.2	70	23
$20,000 TO $24,999	304.2	9	169.4	56	7	34.1*	11*	5*	166.7	55	7
$25,000 TO $29,999	403.5	12	269.1	67	11	118.4*	29*	18*	236.4	59	10
$30,000 TO $49,999	853.5	26	583.9	68	24	108.1	13	17	554.9	65	24
$50,000 OR MORE .	356.3	11	256.4	72	11	66.3*	19*	10*	237.9	67	10
NOT REPORTED. . .	218.2	7	195.4	90	8	...	...	...	192.2	88	8
EDUCATION											
8 YEARS OR LESS .	178.9	5	97.1*	54*	4*	...	...	...	93.0*	52*	4*
9 - 11 YEARS. . .	430.4	13	212.4	49	9	55.6*	13*	9*	208.8	49	9
12 YEARS.	1241.4	37	809.9	65	33	180.3	15	28	775.7	62	34
1 - 3 YEARS COLLEGE	772.4	23	711.5	92	29	246.1	32	38	647.1	84	28
4 YEARS COLLEGE OR MORE	691.2	21	602.3	87	25	156.1	23	24	576.0	83	25

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
PERCENT WHO PARTICIPATED SHOWS THE PERCENT OF EACH ROW'S POPULATION WHO PARTICIPATED IN THE ACTIVITY NAMED BY THE COLUMN (THE PERCENT OF THOSE LIVING IN URBAN AREAS WHO PARTICIPATED, ETC.). PERCENT COLUMNS SHOW THE PERCENT OF EACH COLUMN'S PARTICIPANTS WHO ARE DESCRIBED BY THE ROW HEADING (THE PERCENT OF THOSE WHO PARTICIPATED WHO LIVE IN URBAN AREAS, ETC.).

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 30. EXPENDITURES IN THE U.S. BY STATE RESIDENTS FOR NONCONSUMPTIVE WILDLIFE-RELATED RECREATION: 1985

WASHINGTON

(STATE RESIDENTS 16 YEARS OLD AND OLDER.)

		SPENDERS		
EXPENDITURE ITEM	EXPENDITURES (THOUSANDS OF DOLLARS)	NUMBER (THOUSANDS)	PERCENT OF NONCONSUMPTIVE PARTICIPANTS (1)	AVERAGE PER SPENDER (DOLLARS)
TOTAL, ALL ITEMS (2).	300038.7	1511.7	52.4	198
PRIMARY TRIP EXPENDITURES				
TOTAL TRIP-RELATED.	91446.9	580.0	88.9	158
FOOD AND LODGING.	50744.1	444.3	68.1	114
FOOD.	40917.9	444.3	68.1	92
LODGING	9826.2	112.1	17.2	88
TRANSPORTATION.	39334.5	565.5	86.7	70
OTHER TRIP COSTS (3).	1368.5*	68.8*	10.5*	20*
EQUIPMENT AND OTHER EXPENDITURES				
TOTAL	208591.8	1224.1	42.4	170
NONCONSUMPTIVE EQUIPMENT, TOTAL .	66860.6	1140.3	39.5	59
FIELD GUIDES.	1622.3*	88.6*	3.1*	18*
BINOCULARS, SPOTTING SCOPES . .	12008.5*	134.7*	4.7*	89*
FILM AND DEVELOPING	13859.5	309.1	10.7	45
CAMERAS, SPECIAL LENSES AND OTHER PHOTOGRAPHIC EQUIPMENT.	14688.2*	52.9*	1.8*	278*
DAY PACKS, CARRYING CASES AND SPECIAL CLOTHING.	5399.9*	100.1*	3.5*	54*
BIRD SEED	14899.8	743.4	25.8	20
NEST BOXES, BIRD HOUSES, BIRD FEEDERS AND BIRD BATHS. . . .	3300.5	219.5	7.6	15
OTHER NONCONSUMPTIVE EQUIPMENT.	1082.3*	44.1*	1.5*	25*
AUXILIARY EQUIPMENT (4)	7373.8*	56.3*	1.9*	131*
SPECIAL EQUIPMENT (5)	...	...	...	...
MAGAZINES	4480.2	187.2	6.5	24
MEMBERSHIP DUES AND CONTRIBUTIONS	17898.0	176.5	6.1	101

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
INCLUDES EXPENDITURES BY STATE RESIDENTS IN OTHER STATE.

(1) PERCENT OF NONCONSUMPTIVE PARTICIPANTS COLUMN IS BASED ON PRIMARY NONRESIDENTIAL PARTICIPANTS FOR TRIP-RELATED EXPENDITURES. FOR EQUIPMENT AND OTHER EXPENDITURES THE PERCENT OF NONCONSUMPTIVE PARTICIPANTS COLUMN IS BASED ON TOTAL NONCONSUMPTIVE PARTICIPANTS.

(2) EXCLUDES SECONDARY TRIP EXPENDITURES. INFORMATION ON TRIP-RELATED EXPENDITURES WAS COLLECTED FOR PRIMARY NONRESIDENTIAL PARTICIPANTS ONLY. INFORMATION ON EQUIPMENT AND OTHER EXPENDITURES WAS COLLECTED FROM BOTH PRIMARY AND SECONDARY NONCONSUMPTIVE PARTICIPANTS.

(3) INCLUDES EQUIPMENT RENTAL AND FEES FOR GUIDES, PACK TRIPS, PUBLIC LAND USE AND PRIVATE LAND USE.

(4) INCLUDES TENTS, TARPS, FRAME PACKS AND OTHER BACKPACKING EQUIPMENT, OTHER CAMPING EQUIPMENT, SNOWSHOES AND SKIS.

(5) INCLUDES TRAVEL OR TENT TRAILERS, OFF-THE-ROAD VEHICLES, PICKUPS, CAMPERS OR VANS, MOTOR HOMES AND OTHER UNSPECIFIED SPECIAL EQUIPMENT.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 31. RESIDENT NONCONSUMPTIVE PARTICIPANTS ENGAGED IN FISHING AND HUNTING: 1985

WASHINGTON

(16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

NONCONSUMPTIVE PARTICIPANTS	TOTAL, NONCONSUMPTIVE PARTICIPANTS		NONCONSUMPTIVE ACTIVITY							
			PRIMARY				SECONDARY			
			NONRESIDENTIAL		RESIDENTIAL		NONRESIDENTIAL		RESIDENTIAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL PARTICIPANTS.	2885.7	100	652.6	100	2300.5	100	2288.2	100	2504.2	100
NONCONSUMPTIVE PARTICIPANTS WHO:										
DID NOT FISH OR HUNT.	1792.0	62	309.0	47	1513.8	66	1372.2	60	1508.4	60
FISHED OR HUNTED.	1093.7	38	343.6	53	786.7	34	916.0	40	995.8	40
FISHED.	1025.5	36	325.3	50	743.9	32	855.9	37	937.2	37
HUNTED.	285.3	10	110.6	17	199.0	9	249.4	11	249.7	10

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
DATA REPORTED ON THIS TABLE FOR NONCONSUMPTIVE ACTIVITIES ARE FROM SCREENING INTERVIEWS IN WHICH ONE ADULT HOUSEHOLD MEMBER RESPONDED FOR ALL HOUSEHOLD MEMBERS.

TABLE 32. RESIDENT SPORTSMEN ENGAGED IN NONCONSUMPTIVE ACTIVITIES: 1985

WASHINGTON

(STATE RESIDENTS 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

SPORTSMEN	SPORTSMEN		FISHERMEN		HUNTERS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL SPORTSMEN.	1129.3	100	1057.2	100	296.3	100
SPORTSMEN WHO:						
DID NOT ENGAGE IN NONCONSUMPTIVE ACTIVITIES.	35.5*	3*	31.6*	3*	...	...
ENGAGED IN NONCONSUMPTIVE ACTIVITIES	1093.7	97	1025.5	97	285.3	96
PRIMARY ACTIVITIES	846.4	75	795.7	75	219.4	74
PRIMARY NONRESIDENTIAL	343.6	30	325.3	31	110.6	37
PRIMARY RESIDENTIAL.	786.7	70	743.9	70	199.0	67
SECONDARY ACTIVITIES	1075.6	95	1009.6	95	278.6	94
SECONDARY NONRESIDENTIAL	916.0	81	855.9	81	249.4	84
SECONDARY RESIDENTIAL.	995.8	88	937.2	89	249.7	84

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
DATA REPORTED ON THIS TABLE FOR NONCONSUMPTIVE ACTIVITIES ARE FROM SCREENING INTERVIEWS IN WHICH ONE ADULT HOUSEHOLD MEMBER RESPONDED FOR ALL HOUSEHOLD MEMBERS.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 33. FISHERMEN AND HUNTERS, BY FISHERMAN'S OR HUNTER'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS)

FISHERMAN'S OR HUNTER'S STATE OF RESIDENCE	FISHERMEN						HUNTERS					
	TOTAL		FISHED IN STATE OF RESIDENCE		FISHED IN OTHER STATES		TOTAL		HUNTED IN STATE OF RESIDENCE		HUNTED IN OTHER STATES	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
U.S.	46,357	100	42,390	91	11,001	24	16,684	100	15,908	95	2,160	13
ALABAMA	908	100	858	94	189	21	358	100	347	97	33	9
ALASKA	186	100	181	98	16	9	71	100	69	98	4*	6*
ARIZONA	515	100	454	88	121	23	235	100	216	92	28*	12*
ARKANSAS	673	100	641	95	108	16	350	100	336	96	42	12
CALIFORNIA	3,983	100	3,531	89	878	22	676	100	603	89	149	22
COLORADO	828	100	780	94	191	23	241	100	230	95	47	20
CONNECTICUT	473	100	398	84	179	38	75	100	65	87	21*	28*
DELAWARE	117	100	100	86	51	43	26	100	23	89	8	31
FLORIDA	2,519	100	2,454	97	297	12	362	100	279	77	124	34
GEORGIA	1,371	100	1,241	91	443	32	469	100	447	95	64	14
HAWAII	151	100	140	93	14	9	24	100	22	93	...	...
IDAHO	287	100	278	97	62	22	169	100	168	100	...	...
ILLINOIS	1,906	100	1,446	76	851	45	420	100	365	87	117	28
INDIANA	1,247	100	1,130	91	389	31	347	100	334	96	35	10
IOWA	698	100	646	93	239	34	260	100	258	99	21*	8*
KANSAS	568	100	483	85	208	37	215	100	202	94	35	16
KENTUCKY	853	100	794	93	219	26	340	100	329	97	36	11
LOUISIANA	1,101	100	1,060	96	164	15	517	100	492	95	86	17
MAINE	242	100	240	99	21	9	158	100	158	100	5*	3*
MARYLAND	743	100	647	87	234	31	187	100	165	88	55	29
MASSACHUSETTS	762	100	689	90	238	31	146	100	126	87	48	33
MICHIGAN	1,916	100	1,853	97	201	11	880	100	870	99	47*	5*
MINNESOTA	1,401	100	1,344	96	238	17	540	100	524	97	49	9
MISSISSIPPI	712	100	681	96	127	18	404	100	396	98	38	9
MISSOURI	1,355	100	1,271	94	275	20	590	100	581	98	77	13
MONTANA	225	100	212	94	44	19	153	100	151	98	5*	3*
NEBRASKA	354	100	314	89	109	31	160	100	156	97	13*	8*
NEVADA	184	100	150	82	86	47	59	100	55	93	16	27
NEW HAMPSHIRE	186	100	173	93	64	34	73	100	69	95	13	18
NEW JERSEY	1,104	100	965	87	334	30	185	100	162	87	48	26
NEW MEXICO	262	100	231	88	87	33	124	100	115	93	16	13
NEW YORK	2,048	100	1,894	92	366	18	714	100	704	99	32*	4*
NORTH CAROLINA	1,382	100	1,288	93	357	26	410	100	390	95	73	18
NORTH DAKOTA	193	100	164	85	58	30	108	100	104	96	13	12
OHIO	2,036	100	1,880	92	618	30	538	100	495	92	115	21
OKLAHOMA	892	100	865	97	130	15	344	100	322	94	66	19
OREGON	689	100	647	94	118	17	306	100	296	97	16*	5*
PENNSYLVANIA	1,744	100	1,451	83	712	41	1,070	100	1,068	99	79*	7*
RHODE ISLAND	141	100	126	90	41	29	19	100	14	72	8*	44*
SOUTH CAROLINA	661	100	629	95	130	20	209	100	201	96	30	15
SOUTH DAKOTA	168	100	155	93	38	23	113	100	112	99	4*	3*
TENNESSEE	957	100	861	90	269	28	400	100	379	95	75	19
TEXAS	3,201	100	2,930	92	578	18	1,464	100	1,419	97	175	12
UTAH	305	100	274	90	76	25	221	100	215	97	16	7
VERMONT	124	100	118	95	31	25	86	100	85	99	6*	7*
VIRGINIA	1,129	100	993	88	376	33	487	100	454	93	79	16
WASHINGTON	1,057	100	1,025	97	105	10	296	100	283	95	21*	7*
WEST VIRGINIA	402	100	371	92	94	23	310	100	307	99	19*	6*
WISCONSIN	1,196	100	1,174	98	142	12	646	100	637	99	34*	5*
WYOMING	159	100	147	92	44	28	113	100	110	97	10*	8*

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILTIY APPENDIX.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 34. FISHERMEN AND HUNTERS, BY STATE WHERE FISHING OR HUNTING TOOK PLACE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

STATE WHERE FISHING OR HUNTING TOOK PLACE	FISHERMEN						HUNTERS					
	TOTAL, RESIDENTS AND NONRESIDENTS		RESIDENTS		NONRESIDENTS		TOTAL, RESIDENTS AND NONRESIDENTS		RESIDENTS		NONRESIDENTS	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
U.S.	46,357	100	42,390	91	11,001	24	16,684	100	15,908	95	2,160	13
ALABAMA	1,128	100	858	76	270	24	444	100	347	78	97	22
ALASKA	304	100	181	60	122	40	90	100	69	77	21*	23*
ARIZONA	638	100	454	71	184	29	259	100	216	83	43	17
ARKANSAS	931	100	641	69	291	31	417	100	336	81	81	19
CALIFORNIA	3,750	100	3,531	94	219	6	632	100	603	95	29*	5*
COLORADO	1,174	100	780	66	395	34	379	100	230	61	149	39
CONNECTICUT	547	100	398	73	148	27	66	100	65	98	...	...
DELAWARE	339	100	100	30	239	70	29	100	23	80	...	...
FLORIDA	3,961	100	2,454	62	1,507	38	294	100	279	95	15*	5*
GEORGIA	1,403	100	1,241	88	161	12	527	100	447	85	80	15
HAWAII	195	100	140	72	55	28	24	100	22	93	...	...
IDAHO	455	100	278	61	177	39	213	100	168	79	45	21
ILLINOIS	1,625	100	1,446	89	180	11	406	100	365	90	41	10
INDIANA	1,360	100	1,130	83	230	17	361	100	334	93	27*	7*
IOWA	771	100	646	84	125	16	316	100	258	81	59	19
KANSAS	554	100	483	87	71	13	274	100	202	74	72	26
KENTUCKY	1,102	100	794	72	309	28	376	100	329	88	47	12
LOUISIANA	1,240	100	1,060	85	180	15	538	100	492	92	46	8
MAINE	449	100	240	53	209	47	202	100	158	78	44	22
MARYLAND	980	100	647	66	333	34	204	100	165	81	39	19
MASSACHUSETTS	900	100	689	77	211	23	132	100	126	95	...	...
MICHIGAN	2,444	100	1,853	76	590	24	943	100	870	92	73	8
MINNESOTA	1,793	100	1,344	75	449	25	545	100	524	96	21*	4*
MISSISSIPPI	1,018	100	681	67	336	33	490	100	396	81	93	19
MISSOURI	1,599	100	1,271	79	328	21	668	100	581	87	86	13
MONTANA	372	100	212	57	159	43	210	100	151	72	59	28
NEBRASKA	355	100	314	88	41*	12*	189	100	156	82	33	18
NEVADA	237	100	150	64	86	36	66	100	55	84	...	...
NEW HAMPSHIRE	322	100	173	54	150	46	81	100	69	84	13*	16*
NEW JERSEY	1,508	100	965	64	543	36	167	100	162	97	...	...
NEW MEXICO	413	100	231	56	182	44	150	100	115	77	35	23
NEW YORK	2,312	100	1,894	82	418	18	791	100	704	89	87	11
NORTH CAROLINA	1,732	100	1,288	74	444	26	439	100	390	89	48	11
NORTH DAKOTA	202	100	164	81	38*	19*	130	100	104	80	26*	20*
OHIO	2,083	100	1,880	90	203	10	515	100	495	96	20*	4*
OKLAHOMA	1,086	100	865	80	222	20	371	100	322	87	49	13
OREGON	943	100	647	69	296	31	351	100	296	84	55	16
PENNSYLVANIA	1,626	100	1,451	89	175	11	1,148	100	1,068	93	80	7
RHODE ISLAND	289	100	126	44	163	56	15	100	14	90	...	...
SOUTH CAROLINA	1,085	100	629	58	457	42	296	100	201	68	95	32
SOUTH DAKOTA	230	100	155	67	75	33	167	100	112	67	55	33
TENNESSEE	1,144	100	861	75	283	25	434	100	379	87	55	13
TEXAS	3,173	100	2,930	92	243	8	1,488	100	1,419	95	70	5
UTAH	433	100	274	63	160	37	252	100	215	85	37	15
VERMONT	188	100	118	63	70	37	106	100	85	80	21*	20*
VIRGINIA	1,270	100	993	78	277	22	511	100	454	89	58	11
WASHINGTON	1,307	100	1,025	78	282	22	302	100	283	94	19*	6*
WEST VIRGINIA	462	100	371	80	91	20	438	100	307	70	130	30
WISCONSIN	1,827	100	1,174	64	653	36	723	100	637	88	86	12
WYOMING	352	100	147	42	206	58	179	100	110	61	69	39

NOTE: FOR THE U.S. ROW, DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILTIY APPENDIX.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 35. FISHERMEN AND HUNTERS, BY SPORTSMAN'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS)

SPORTSMAN'S STATE OF RESIDENCE	POPULATION	FISHED OR HUNTED		FISHED ONLY		HUNTED ONLY		FISHED AND HUNTED	
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION
U.S.	181,095	50,288	28	33,604	19	3,932	2	12,753	7
ALABAMA	3,013	972	32	614	20	63	2	295	10
ALASKA	365	196	54	126	34	11	3	60	16
ARIZONA	2,445	599	24	364	15	84	3	151	6
ARKANSAS	1,743	734	42	384	22	61	4	289	17
CALIFORNIA	20,180	4,130	20	3,454	17	146	1	530	3
COLORADO	2,438	885	36	643	26	57	2	184	8
CONNECTICUT	2,503	477	19	402	16	...	...	71	3
DELAWARE	483	124	26	98	20	7*	2*	19	4
FLORIDA	9,080	2,549	28	2,187	24	30*	(Z)*	332	4
GEORGIA	4,579	1,454	32	985	22	83	2	386	8
HAWAII	783	159	20	135	17	8*	1*	16	2
IDAHO	706	323	46	154	22	35	5	133	19
ILLINOIS	8,680	1,977	23	1,557	18	71	1	349	4
INDIANA	4,145	1,293	31	946	23	46	1	301	7
IOWA	2,156	746	35	486	23	48	2	212	10
KANSAS	1,824	614	34	398	22	46	3	169	9
KENTUCKY	2,771	925	33	585	21	71	3	269	10
LOUISIANA	3,238	1,208	37	691	21	107	3	410	13
MAINE	869	279	32	121	14	37	4	121	14
MARYLAND	3,467	790	23	604	17	47	1	140	4
MASSACHUSETTS	4,528	801	18	655	14	39	1	107	2
MICHIGAN	6,723	2,166	32	1,286	19	249	4	630	9
MINNESOTA	3,082	1,492	48	951	31	90	3	450	15
MISSISSIPPI	1,942	790	41	386	20	78	4	327	17
MISSOURI	3,858	1,428	37	838	22	74	2	517	13
MONTANA	606	270	45	116	19	45	7	108	18
NEBRASKA	1,171	390	33	230	20	36	3	124	11
NEVADA	727	199	27	139	19	15	2	45	6
NEW HAMPSHIRE	764	202	26	130	17	16	2	57	7
NEW JERSEY	5,958	1,147	19	963	16	43	1	142	2
NEW MEXICO	1,071	298	28	175	16	37	3	87	8
NEW YORK	13,729	2,318	17	1,605	12	270	2	443	3
NORTH CAROLINA	4,817	1,451	30	1,041	22	69	1	341	7
NORTH DAKOTA	493	220	45	112	23	27	5	82	17
OHIO	7,944	2,150	27	1,612	20	114	1	424	5
OKLAHOMA	2,516	935	37	591	24	44	2	300	12
OREGON	2,015	745	37	438	22	55	3	251	12
PENNSYLVANIA	9,289	2,100	23	1,022	11	356	4	721	8
RHODE ISLAND	758	145	19	126	17	4*	1*	15	2
SOUTH CAROLINA	2,424	690	28	481	20	30	1	179	7
SOUTH DAKOTA	509	202	40	88	17	34	7	79	16
TENNESSEE	3,650	1,039	28	639	17	82	2	318	9
TEXAS	12,006	3,687	31	2,223	19	486	4	978	8
UTAH	1,079	387	36	165	15	82	8	140	13
VERMONT	402	152	38	66	16	28	7	58	14
VIRGINIA	4,311	1,269	29	781	18	140	3	347	8
WASHINGTON	3,314	1,129	34	833	25	72	2	224	7
WEST VIRGINIA	1,496	479	32	168	11	77	5	233	16
WISCONSIN	3,565	1,339	38	693	19	143	4	503	14
WYOMING	371	189	51	76	20	30	8	83	22

NOTE: U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILTIY APPENDIX.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

(Z) LESS THAN .5 PERCENT.

TABLE 36. FISHERMEN AND HUNTERS 6-15 YEARS OLD, BY SPORTSMAN'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS)

SPORTSMAN'S STATE OF RESIDENCE	POPULATION	FISHED OR HUNTED		FISHED ONLY		HUNTED ONLY		FISHED AND HUNTED	
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION
U.S.	35,223	12,558	36	10,760	31	316	1	1,483	4
ALABAMA	647	210	32	155	24	12*	2*	43	7
ALASKA	87	46	53	38	44	...	...	6	7
ARIZONA	463	136	29	117	25	...	...	15*	3*
ARKANSAS	389	162	42	103	26	10*	3*	49	12
CALIFORNIA	3,716	1,023	28	949	26	...	...	64	2
COLORADO	468	201	43	186	40	...	...	13*	3*
CONNECTICUT	412	139	34	136	33	...	...	...	...
DELAWARE	84	24	28	21	25	...	...	2*	3*
FLORIDA	1,497	516	34	468	31	...	...	39	3
GEORGIA	908	298	33	240	26	10*	1*	48	5
HAWAII	155	40	26	38	25	...	...	...	...
IDAHO	191	105	55	91	48	...	...	11	6
ILLINOIS	1,715	577	34	537	31	...	...	35	2
INDIANA	808	347	43	293	36	8*	1*	45	6
IOWA	417	218	52	182	44	8*	2*	27	6
KANSAS	359	159	44	127	35	5*	1*	26	7
KENTUCKY	584	243	42	203	35	7*	1*	33	6
LOUISIANA	732	259	35	171	23	14*	2*	74	10
MAINE	190	81	43	64	34	4*	2*	14	7
MARYLAND	546	180	33	163	30	...	...	17*	3*
MASSACHUSETTS	755	229	30	222	29	...	...	...	...
MICHIGAN	1,515	542	36	478	32	...	...	55	4
MINNESOTA	674	400	59	358	53	...	...	35	5
MISSISSIPPI	410	151	37	86	21	9*	2*	56	14
MISSOURI	702	342	49	286	41	8*	1*	48	7
MONTANA	122	58	48	41	34	5*	4*	12	10
NEBRASKA	251	121	48	98	39	...	...	21	8
NEVADA	127	41	33	35	27	2*	2*	5*	4*
NEW HAMPSHIRE	145	61	42	53	37	...	...	7	4
NEW JERSEY	1,041	303	29	292	28	...	...	8*	1*
NEW MEXICO	229	64	28	54	24	...	...	7*	3*
NEW YORK	2,392	593	25	560	23	...	...	28*	1*
NORTH CAROLINA	921	303	33	241	26	10*	1*	53	6
NORTH DAKOTA	105	57	55	45	43	...	...	11	10
OHIO	1,689	648	38	591	35	12*	1*	46	3
OKLAHOMA	469	203	43	172	37	...	...	31	7
OREGON	406	185	46	162	40	...	...	21	5
PENNSYLVANIA	1,610	564	35	460	29	33*	2*	72	4
RHODE ISLAND	119	40	34	40	33	...	...	...	...
SOUTH CAROLINA	538	144	27	117	22	...	...	26	5
SOUTH DAKOTA	115	50	43	40	35	2*	2*	7	6
TENNESSEE	716	257	36	214	30	8*	1*	35	5
TEXAS	2,724	894	33	693	25	36*	1*	165	6
UTAH	336	143	43	123	37	...	...	17	5
VERMONT	82	40	49	32	39	2*	2*	7	8
VIRGINIA	830	329	40	282	34	11*	1*	35	4
WASHINGTON	638	290	45	269	42	...	...	18*	3*
WEST VIRGINIA	300	125	42	84	28	11*	4*	30	10
WISCONSIN	747	364	49	306	41	11*	2*	47	6
WYOMING	84	51	61	39	46	...	...	11	13

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILITY APPENDIX.
DATA REPORTED ON THIS TABLE ARE FROM SCREENING INTERVIEWS IN WHICH ONE ADULT HOUSEHOLD MEMBER RESPONDED FOR ALL HOUSEHOLD MEMBERS.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 37. PARTICIPANTS IN NONCONSUMPTIVE ACTIVITIES, BY PARTICIPANT'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

PARTICIPANT'S STATE OF RESIDENCE	POPULATION	TOTAL NONCONSUMPTIVE PARTICIPANTS		PRIMARY PARTICIPANTS					
				TOTAL PRIMARY		NONRESIDENTIAL		RESIDENTIAL	
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION
U.S.	181,095	134,697	74	109,597	61	29,347	16	105,286	58
ALABAMA	3,013	2,027	67	1,667	55	249	8	1,651	55
ALASKA	365	288	79	227	62	108	30	214	59
ARIZONA	2,445	1,933	79	1,468	60	441	18	1,383	57
ARKANSAS	1,743	1,460	84	1,188	68	231	13	1,160	67
CALIFORNIA	20,180	13,090	65	9,949	49	2,956	15	9,161	45
COLORADO	2,438	2,129	87	1,768	73	592	24	1,669	68
CONNECTICUT	2,503	1,978	79	1,696	68	400	16	1,666	67
DELAWARE	483	368	76	322	67	60	12	312	65
FLORIDA	9,080	6,068	67	4,890	54	1,703	19	4,672	51
GEORGIA	4,579	3,209	70	2,702	59	530	12	2,656	58
HAWAII	783	458	58	322	41	80	10	304	39
IDAHO	706	645	91	482	68	185	26	453	64
ILLINOIS	8,680	6,231	72	5,213	60	1,400	16	4,982	57
INDIANA	4,145	3,517	85	2,910	70	625	15	2,851	69
IOWA	2,156	1,947	90	1,544	72	512	24	1,483	69
KANSAS	1,824	1,531	84	1,242	68	251	14	1,220	67
KENTUCKY	2,771	2,079	75	1,711	62	353	13	1,643	59
LOUISIANA	3,238	2,280	70	1,867	58	342	11	1,804	56
MAINE	869	735	85	606	70	205	24	585	67
MARYLAND	3,467	2,723	79	2,230	64	561	16	2,170	63
MASSACHUSETTS	4,528	3,151	70	2,624	58	793	18	2,504	55
MICHIGAN	6,723	5,484	82	4,453	66	1,214	18	4,281	64
MINNESOTA	3,082	2,763	90	2,205	72	744	24	2,146	70
MISSISSIPPI	1,942	1,431	74	1,106	57	134	7	1,089	56
MISSOURI	3,858	3,183	82	2,758	71	716	19	2,698	70
MONTANA	606	545	90	406	67	166	27	359	59
NEBRASKA	1,171	976	83	759	65	309	26	716	61
NEVADA	727	538	74	404	56	136	19	368	51
NEW HAMPSHIRE	764	662	87	563	74	152	20	535	70
NEW JERSEY	5,958	4,121	69	3,546	60	785	13	3,514	59
NEW MEXICO	1,071	848	79	629	59	189	18	605	56
NEW YORK	13,729	8,375	61	6,818	50	1,771	13	6,655	48
NORTH CAROLINA	4,817	3,298	68	2,729	57	354	7	2,687	56
NORTH DAKOTA	493	453	92	345	70	106	22	334	68
OHIO	7,944	6,935	87	6,082	77	1,409	18	5,824	73
OKLAHOMA	2,516	2,325	92	2,009	80	543	22	1,979	79
OREGON	2,015	1,728	86	1,389	69	634	31	1,249	62
PENNSYLVANIA	9,289	6,931	75	5,812	63	1,890	20	5,509	59
RHODE ISLAND	758	550	73	463	61	88	12	455	60
SOUTH CAROLINA	2,424	1,513	62	1,213	50	190	8	1,200	49
SOUTH DAKOTA	509	459	90	351	69	164	32	325	64
TENNESSEE	3,650	2,764	76	2,299	63	523	14	2,207	60
TEXAS	12,006	8,352	70	6,004	50	1,433	12	5,815	48
UTAH	1,079	937	87	658	61	268	25	574	53
VERMONT	402	344	86	284	71	98	24	271	67
VIRGINIA	4,311	3,524	82	2,979	69	717	17	2,938	68
WASHINGTON	3,314	2,886	87	2,433	73	653	20	2,300	69
WEST VIRGINIA	1,496	1,175	79	1,035	69	206	14	1,027	69
WISCONSIN	3,565	3,083	86	2,673	75	953	27	2,544	71
WYOMING	371	358	96	283	76	142	38	256	69

(CONTINUED)

TABLE 37. PARTICIPANTS IN NONCONSUMPTIVE ACTIVITIES, BY PARTICIPANT'S STATE OF RESIDENCE: 1985 (continued)

(U.S. POPULATION 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

PARTICIPANT'S STATE OF RESIDENCE	SECONDARY PARTICIPANTS					
	TOTAL SECONDARY		NONRESIDENTIAL		RESIDENTIAL	
	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION
U.S.	127,427	70	89,532	49	117,411	65
ALABAMA	1,901	63	1,130	37	1,770	59
ALASKA	282	77	254	70	244	67
ARIZONA	1,869	76	1,384	57	1,629	67
ARKANSAS	1,397	80	940	54	1,308	75
CALIFORNIA	12,432	62	9,627	48	11,375	56
COLORADO	2,035	83	1,694	69	1,822	75
CONNECTICUT	1,818	73	1,174	47	1,702	68
DELAWARE	341	71	227	47	312	65
FLORIDA	5,718	63	3,505	39	5,481	60
GEORGIA	3,042	66	2,017	44	2,862	63
HAWAII	421	54	244	31	380	49
IDAHO	631	89	524	74	586	83
ILLINOIS	5,812	67	4,034	46	5,223	60
INDIANA	3,219	78	2,368	57	2,972	72
IOWA	1,869	87	1,320	61	1,750	81
KANSAS	1,484	81	1,005	55	1,409	77
KENTUCKY	1,949	70	1,187	43	1,853	67
LOUISIANA	2,154	67	1,475	46	2,012	62
MAINE	700	81	544	63	656	76
MARYLAND	2,617	75	1,637	47	2,452	71
MASSACHUSETTS	2,877	64	1,959	43	2,520	56
MICHIGAN	5,197	77	3,606	54	4,874	73
MINNESOTA	2,652	86	2,140	69	2,463	80
MISSISSIPPI	1,364	70	634	33	1,318	68
MISSOURI	3,038	79	2,179	56	2,904	75
MONTANA	529	87	436	72	487	80
NEBRASKA	963	82	692	59	893	76
NEVADA	494	68	377	52	419	58
NEW HAMPSHIRE	641	84	473	62	600	78
NEW JERSEY	3,718	62	2,451	41	3,494	59
NEW MEXICO	818	76	594	55	769	72
NEW YORK	7,986	58	5,418	39	7,143	52
NORTH CAROLINA	3,118	65	1,885	39	2,989	62
NORTH DAKOTA	449	91	351	71	426	86
OHIO	6,499	82	4,773	60	5,993	75
OKLAHOMA	2,246	89	1,546	61	2,107	84
OREGON	1,654	82	1,282	64	1,502	75
PENNSYLVANIA	6,565	71	4,682	50	6,076	65
RHODE ISLAND	515	68	333	44	470	62
SOUTH CAROLINA	1,400	58	797	33	1,340	55
SOUTH DAKOTA	440	86	338	67	405	80
TENNESSEE	2,589	71	1,578	43	2,378	65
TEXAS	7,902	66	5,630	47	6,959	58
UTAH	906	84	775	72	800	74
VERMONT	334	83	234	58	319	79
VIRGINIA	3,353	78	2,268	53	3,140	73
WASHINGTON	2,777	84	2,288	69	2,504	76
WEST VIRGINIA	1,097	73	661	44	1,047	70
WISCONSIN	2,981	84	2,409	68	2,700	76
WYOMING	352	95	297	80	322	87

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILTIY APPENDIX.

TABLE 38. PARTICIPANTS IN WILDLIFE-ASSOCIATED RECREATION, BY PARTICIPANT'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS)

PARTICIPANT'S STATE OF RESIDENCE	POPULATION	TOTAL PARTICIPANTS		SPORTSMEN		NONCONSUMPTIVE PARTICIPANTS	
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION
U.S.	181,095	140,078	77	50,288	28	134,697	74
ALABAMA	3,013	2,194	73	972	32	2,027	67
ALASKA	365	297	81	196	54	288	79
ARIZONA	2,445	1,978	81	599	24	1,933	79
ARKANSAS	1,743	1,505	86	734	42	1,460	84
CALIFORNIA	20,180	13,741	68	4,130	20	13,090	65
COLORADO	2,438	2,167	89	885	36	2,129	87
CONNECTICUT	2,503	2,002	80	477	19	1,978	79
DELAWARE	483	379	78	124	26	368	76
FLORIDA	9,080	6,484	71	2,549	28	6,068	67
GEORGIA	4,579	3,464	76	1,454	32	3,209	70
HAWAII	783	491	63	159	20	458	58
IDAHO	706	656	93	323	46	645	91
ILLINOIS	8,680	6,338	73	1,977	23	6,231	72
INDIANA	4,145	3,645	88	1,293	31	3,517	85
IOWA	2,156	2,007	93	746	35	1,947	90
KANSAS	1,824	1,573	86	614	34	1,531	84
KENTUCKY	2,771	2,184	79	925	33	2,079	75
LOUISIANA	3,238	2,444	75	1,208	37	2,280	70
MAINE	869	755	87	279	32	735	85
MARYLAND	3,467	2,796	81	790	23	2,723	79
MASSACHUSETTS	4,528	3,230	71	801	18	3,151	70
MICHIGAN	6,723	5,617	84	2,166	32	5,484	82
MINNESOTA	3,082	2,850	92	1,492	48	2,763	90
MISSISSIPPI	1,942	1,596	82	790	41	1,431	74
MISSOURI	3,858	3,319	86	1,428	37	3,183	82
MONTANA	606	556	92	270	45	545	90
NEBRASKA	1,171	1,000	85	390	33	976	83
NEVADA	727	548	75	199	27	538	74
NEW HAMPSHIRE	764	675	88	202	26	662	87
NEW JERSEY	5,958	4,237	71	1,147	19	4,121	69
NEW MEXICO	1,071	866	81	298	28	848	79
NEW YORK	13,729	8,630	63	2,318	17	8,375	61
NORTH CAROLINA	4,817	3,563	74	1,451	30	3,298	68
NORTH DAKOTA	493	462	94	220	45	453	92
OHIO	7,944	7,132	90	2,150	27	6,935	87
OKLAHOMA	2,516	2,141	96	935	37	2,325	92
OREGON	2,015	1,743	87	745	37	1,728	86
PENNSYLVANIA	9,289	7,287	78	2,100	23	6,931	75
RHODE ISLAND	758	574	76	145	19	550	73
SOUTH CAROLINA	2,424	1,668	69	690	28	1,513	62
SOUTH DAKOTA	509	472	93	202	40	459	90
TENNESSEE	3,650	2,873	79	1,039	28	2,764	76
TEXAS	12,006	8,753	73	3,687	31	8,352	70
UTAH	1,079	959	89	387	36	937	87
VERMONT	402	356	89	152	38	344	86
VIRGINIA	4,311	3,646	85	1,269	29	3,524	82
WASHINGTON	3,314	2,921	88	1,129	34	2,886	87
WEST VIRGINIA	1,496	1,221	82	479	32	1,175	79
WISCONSIN	3,565	3,142	88	1,339	38	3,083	86
WYOMING	371	360	97	189	51	358	96

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILITY APPENDIX.

TABLE 39. PARTICIPANTS IN WILDLIFE-ASSOCIATED RECREATION 6-15 YEARS OLD, BY PARTICIPANT'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 6-15 YEARS OLD. NUMBERS IN THOUSANDS)

PARTICIPANT'S STATE OF RESIDENCE	POPULATION	TOTAL PARTICIPANTS		SPORTSMEN		NONCONSUMPTIVE PARTICIPANTS	
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION
U.S.	35,223	27,387	78	12,558	36	26,264	75
ALABAMA	647	434	67	210	32	403	62
ALASKA	87	78	89	46	53	76	87
ARIZONA	463	373	81	136	29	363	78
ARKANSAS	389	305	78	162	42	294	76
CALIFORNIA	3,716	2,587	70	1,023	28	2,454	66
COLORADO	468	416	89	201	43	409	87
CONNECTICUT	412	341	83	139	34	333	81
DELAWARE	84	61	72	24	28	60	71
FLORIDA	1,497	1,027	69	516	34	945	63
GEORGIA	908	685	75	298	33	643	71
HAWAII	155	111	71	40	26	105	67
IDAHO	191	176	92	105	55	168	88
ILLINOIS	1,715	1,253	73	577	34	1,205	70
INDIANA	808	689	85	347	43	663	82
IOWA	417	381	91	218	52	370	89
KANSAS	359	303	84	159	44	292	81
KENTUCKY	584	476	82	243	42	449	77
LOUISIANA	732	541	74	259	35	506	69
MAINE	190	166	88	81	43	164	86
MARYLAND	546	460	84	180	33	446	82
MASSACHUSETTS	755	594	79	229	30	578	77
MICHIGAN	1,515	1,282	85	542	36	1,265	83
MINNESOTA	674	632	94	400	59	616	91
MISSISSIPPI	410	280	68	151	37	254	62
MISSOURI	702	605	86	342	49	584	83
MONTANA	122	107	88	58	48	104	85
NEBRASKA	251	229	91	121	48	225	90
NEVADA	127	102	80	41	33	98	77
NEW HAMPSHIRE	145	127	88	61	42	124	85
NEW JERSEY	1,041	777	75	303	29	740	71
NEW MEXICO	229	179	78	64	28	176	77
NEW YORK	2,392	1,562	65	593	25	1,498	63
NORTH CAROLINA	921	670	73	303	33	622	68
NORTH DAKOTA	105	96	91	57	55	90	86
OHIO	1,689	1,440	85	648	38	1,406	83
OKLAHOMA	469	389	83	203	43	370	79
OREGON	406	362	89	185	46	355	88
PENNSYLVANIA	1,610	1,260	78	564	35	1,186	74
RHODE ISLAND	119	100	84	40	34	97	81
SOUTH CAROLINA	538	332	62	144	27	307	57
SOUTH DAKOTA	115	106	92	50	43	102	88
TENNESSEE	716	586	82	257	36	569	79
TEXAS	2,724	2,020	74	894	33	1,943	71
UTAH	336	310	92	143	43	300	89
VERMONT	82	75	91	40	49	73	88
VIRGINIA	830	699	84	329	40	672	81
WASHINGTON	638	567	89	290	45	557	87
WEST VIRGINIA	300	244	81	125	42	226	75
WISCONSIN	747	677	91	364	49	664	89
WYOMING	84	82	98	51	61	82	97

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILITY APPENDIX.
DATA REPORTED ON THIS TABLE ARE FROM SCREENING INTERVIEWS IN WHICH ONE ADULT HOUSEHOLD MEMBER RESPONDED FOR ALL HOUSEHOLD MEMBERS.

TABLE 40. DAYS OF FISHING, BY STATE WHERE FISHING TOOK PLACE AND FISHERMAN'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER. NUMBERS IN THOUSANDS)

	DAYS OF FISHING IN STATE						DAYS OF FISHING BY STATE RESIDENTS					
	TOTAL DAYS, RESIDENTS AND NONRESIDENTS		DAYS BY STATE RESIDENTS		DAYS BY NONRESIDENTS		TOTAL DAYS, IN STATE OF RESIDENCE AND IN OTHER STATES		DAYS IN STATE OF RESIDENCE		DAYS IN OTHER STATES	
STATE	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
U.S.	976,564	100	868,513	89	107,324	11	976,564	100	868,513	89	107,324	11
ALABAMA	22,679	100	20,404	90	2,275	10	21,786	100	20,404	94	1,382	6
ALASKA	4,025	100	3,156	78	869	22	3,280	100	3,156	96	124	4
ARIZONA	7,800	100	6,598	85	1,203	15	8,577	100	6,598	77	1,979	23
ARKANSAS	19,076	100	15,976	84	3,100	16	17,088	100	15,976	93	1,112	7
CALIFORNIA	58,648	100	55,534	95	3,114	5	62,197	100	55,534	90	6,662	10
COLORADO	15,452	100	12,648	82	2,804	18	14,660	100	12,648	86	2,013	14
CONNECTICUT	9,717	100	8,972	92	745	8	10,470	100	8,972	86	1,499	14
DELAWARE	3,269	100	1,435	44	1,834	56	1,891	100	1,435	76	455	24
FLORIDA	79,839	100	66,808	84	13,032	16	72,224	100	66,808	92	5,414	7
GEORGIA	29,265	100	27,462	94	1,804	6	31,472	100	27,462	87	4,010	13
HAWAII	3,488	100	3,197	92	291	8	3,313	100	3,197	96	116	3
IDAHO	6,622	100	5,105	77	1,518	23	5,361	100	5,105	95	256	5
ILLINOIS	29,345	100	28,090	96	1,255	4	36,706	100	28,090	76	8,615	23
INDIANA	27,671	100	25,444	92	2,227	8	28,818	100	25,444	88	3,375	11
IOWA	14,500	100	13,313	92	1,187	8	15,082	100	13,313	88	1,769	12
KANSAS	10,203	100	9,377	92	826	8	11,463	100	9,377	82	2,086	18
KENTUCKY	20,715	100	17,742	86	2,973	14	20,061	100	17,742	88	2,320	12
LOUISIANA	27,075	100	25,257	93	1,818	7	27,528	100	25,257	92	2,269	8
MAINE	6,537	100	5,140	79	1,397	21	5,331	100	5,140	96	191	4
MARYLAND	13,501	100	11,811	87	1,690	13	13,750	100	11,811	86	1,939	14
MASSACHUSETTS	16,024	100	15,047	94	977	6	17,684	100	15,047	85	2,637	15
MICHIGAN	44,171	100	40,200	91	3,971	9	41,870	100	40,200	96	1,669	4
MINNESOTA	28,368	100	25,187	89	3,180	11	27,171	100	25,187	93	1,984	7
MISSISSIPPI	16,863	100	14,505	86	2,358	14	15,876	100	14,505	91	1,371	9
MISSOURI	29,607	100	26,800	91	2,807	9	29,691	100	26,800	90	2,891	10
MONTANA	4,952	100	3,602	73	1,350	27	3,888	100	3,602	93	285	7
NEBRASKA	6,860	100	6,499	95	362	5	7,395	100	6,499	88	895	12
NEVADA	3,224	100	2,010	62	1,215	38	3,059	100	2,010	65	1,049	34
NEW HAMPSHIRE	4,611	100	3,516	76	1,094	24	3,981	100	3,516	88	465	12
NEW JERSEY	19,223	100	14,994	78	4,229	22	18,493	100	14,994	81	3,499	19
NEW MEXICO	4,772	100	3,405	71	1,367	29	4,389	100	3,405	77	984	22
NEW YORK	37,151	100	31,787	86	5,364	14	34,131	100	31,787	90	2,344	7
NORTH CAROLINA	28,390	100	25,409	90	2,981	10	28,888	100	25,409	89	3,480	11
NORTH DAKOTA	2,894	100	2,584	89	310	11	3,092	100	2,584	83	509	16
OHIO	47,509	100	46,054	97	1,454	3	51,918	100	46,054	89	5,863	11
OKLAHOMA	21,937	100	19,825	90	2,113	10	20,848	100	19,825	94	1,024	5
OREGON	14,091	100	11,676	85	2,415	15	13,127	100	11,676	89	1,451	11
PENNSYLVANIA	40,842	100	39,383	96	1,459	4	46,047	100	39,383	85	6,663	14
RHODE ISLAND	4,432	100	2,860	65	1,572	35	3,239	100	2,860	88	378	12
SOUTH CAROLINA	19,805	100	16,883	85	2,922	15	18,027	100	16,883	94	1,141	6
SOUTH DAKOTA	2,891	100	2,489	86	401	14	2,782	100	2,489	89	293	10
TENNESSEE	22,698	100	20,413	90	2,285	10	23,206	100	20,413	88	2,793	12
TEXAS	54,278	100	51,672	95	2,606	5	59,751	100	51,672	86	8,079	13
UTAH	5,263	100	4,259	81	1,004	19	4,888	100	4,259	87	628	13
VERMONT	3,186	100	2,714	85	472	15	3,044	100	2,714	89	330	11
VIRGINIA	20,018	100	18,295	91	1,723	9	21,725	100	18,295	84	3,429	16
WASHINGTON	21,133	100	19,543	92	1,590	8	20,958	100	19,543	93	1,415	7
WEST VIRGINIA	8,674	100	8,306	96	368	4	8,993	100	8,306	92	687	8
WISCONSIN	28,866	100	22,581	78	6,287	22	23,284	100	22,581	97	704	3
WYOMING	3,132	100	2,025	65	1,107	35	2,358	100	2,025	86	333	14

NOTE: U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILTIY APPENDIX.

STATE TOTALS DO NOT INCLUDE RESPONSES BY PARTICIPANTS WHO DID NOT INDICATE THE STATE WHERE THE FISHING TOOK PLACE.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

TABLE 41. DAYS OF HUNTING, BY STATE WHERE HUNTING TOOK PLACE AND HUNTER'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

	DAYS OF HUNTING IN STATE						DAYS OF HUNTING BY STATE RESIDENTS					
	TOTAL DAYS, RESIDENTS AND NONRESIDENTS		DAYS BY STATE RESIDENTS		DAYS BY NONRESIDENTS		TOTAL DAYS, IN STATE OF RESIDENCE AND IN OTHER STATES		DAYS IN STATE OF RESIDENCE		DAYS IN OTHER STATES	
STATE	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
U.S.	334,013	100	308,996	93	24,533	7	334,013	100	308,996	93	24,533	7
ALABAMA	9,618	100	8,969	93	650	7	9,253	100	8,969	97	279	3
ALASKA	1,163	100	907	78	255	22	948	100	907	96	40	4
ARIZONA	3,434	100	3,139	91	294	9	4,575	100	3,139	69	1,436	31
ARKANSAS	9,125	100	8,433	92	692	8	9,362	100	8,433	90	926	10
CALIFORNIA	10,847	100	9,211	85	1,636	15	11,290	100	9,211	82	2,052	18
COLORADO	4,280	100	3,364	79	916	21	3,686	100	3,364	91	322	9
CONNECTICUT	1,266	100	1,265	100	...	...	1,451	100	1,265	87	186	13
DELAWARE	693	100	410	59	283*	41*	522	100	410	79	98	19
FLORIDA	7,174	100	6,737	94	437*	6*	8,139	100	6,737	83	1,402	17
GEORGIA	10,107	100	9,550	94	557	6	10,402	100	9,550	92	852	8
HAWAII	547	100	542	99	...	...	579	100	542	94	36*	6*
IDAHO	3,340	100	2,748	82	592	18	2,770	100	2,748	99	...	...
ILLINOIS	8,877	100	7,883	89	994	11	8,709	100	7,883	91	811	9
INDIANA	8,144	100	7,875	97	269	3	8,233	100	7,875	96	358	4
IOWA	5,149	100	4,831	94	318	6	4,967	100	4,831	97	136	3
KANSAS	3,732	100	3,363	90	369	10	3,680	100	3,363	91	310	8
KENTUCKY	7,751	100	7,321	94	429	6	7,712	100	7,321	95	390	5
LOUISIANA	12,975	100	12,628	97	347	3	13,508	100	12,628	93	880	7
MAINE	3,278	100	2,905	89	373	11	2,986	100	2,905	97	79*	3*
MARYLAND	3,393	100	3,212	95	181	5	3,789	100	3,212	85	577	15
MASSACHUSETTS	2,477	100	2,368	96	109*	4*	2,863	100	2,368	83	495	17
MICHIGAN	14,907	100	14,523	97	385	3	14,995	100	14,523	97	439	3
MINNESOTA	8,058	100	7,721	96	337	4	8,181	100	7,721	94	454	6
MISSISSIPPI	11,000	100	10,131	92	869	8	10,599	100	10,131	96	388	4
MISSOURI	12,367	100	11,715	95	652	5	12,205	100	11,715	96	482	4
MONTANA	2,915	100	2,477	85	438	15	2,519	100	2,477	98	40*	2*
NEBRASKA	3,330	100	3,119	94	211	6	3,262	100	3,119	96	143	4
NEVADA	1,693	100	776	46	...	...	926	100	776	84	145	16
NEW HAMPSHIRE	1,667	100	1,551	93	115*	7*	1,652	100	1,551	94	97	6
NEW JERSEY	3,420	100	3,390	99	30	1	4,031	100	3,390	84	641	16
NEW MEXICO	1,387	100	1,177	85	210	15	1,381	100	1,177	85	202	15
NEW YORK	13,245	100	12,293	93	953	7	12,482	100	12,293	98	170*	1*
NORTH CAROLINA	9,931	100	9,549	96	382	4	10,680	100	9,549	89	1,104	10
NORTH DAKOTA	2,230	100	2,083	93	148*	7*	2,195	100	2,083	95	107	5
OHIO	14,223	100	13,996	98	227	2	15,089	100	13,996	93	1,093	7
OKLAHOMA	8,080	100	7,513	93	567	7	7,926	100	7,513	95	391	5
OREGON	4,030	100	3,597	89	433	11	3,758	100	3,597	96	156*	4*
PENNSYLVANIA	20,081	100	19,082	95	999	5	20,148	100	19,082	95	997	5
RHODE ISLAND	399	100	396	99	...	...	508	100	396	78	112	22
SOUTH CAROLINA	5,276	100	4,346	82	931	18	4,789	100	4,346	91	443	9
SOUTH DAKOTA	2,569	100	2,236	87	333	13	2,264	100	2,236	99	28*	1*
TENNESSEE	8,580	100	7,909	92	671	8	8,849	100	7,909	89	941	11
TEXAS	24,106	100	23,400	97	706	3	25,466	100	23,400	92	2,033	8
UTAH	3,194	100	2,883	90	311	10	3,054	100	2,883	94	171	6
VERMONT	2,014	100	1,757	87	257	13	1,891	100	1,757	93	131	7
VIRGINIA	10,953	100	10,413	95	540	5	11,404	100	10,413	91	918	8
WASHINGTON	4,511	100	4,298	95	213*	5*	4,521	100	4,298	95	224	5
WEST VIRGINIA	8,064	100	6,815	85	1,249	15	7,063	100	6,815	96	239	3
WISCONSIN	11,830	100	10,605	90	1,225	10	10,873	100	10,605	98	261	2
WYOMING	2,094	100	1,583	76	510	24	1,729	100	1,583	92	145	8

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES AND NONRESPONSE.
U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILTIY APPENDIX.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

TABLE 42. DAYS OF PRIMARY NONRESIDENTIAL ACTIVITY, BY STATE WHERE ACTIVITY TOOK PLACE AND PARTICIPANT'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER, NUMBERS IN THOUSANDS)

	DAYS OF ACTIVITY IN STATE						DAYS OF ACTIVITY BY STATE RESIDENTS					
	TOTAL DAYS, RESIDENTS AND NONRESIDENTS		DAYS BY STATE RESIDENTS		DAYS BY NONRESIDENTS		TOTAL DAYS, IN STATE OF RESIDENCE AND IN OTHER STATES		DAYS IN STATE OF RESIDENCE		DAYS IN OTHER STATES	
STATE	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
U.S.	338,513	100	265,887	79	71,162	21	338,513	100	265,887	79	71,162	21
ALABAMA	1,407	100	1,159	82	248*	18*	1,391	100	1,159	83	232	17
ALASKA	4,519	100	1,254	28	3,264	72	1,422	100	1,254	88	167*	12*
ARIZONA	7,983	100	3,531	44	4,452	56	4,534	100	3,531	78	995	22
ARKANSAS	2,145	100	1,630	76	515	24	2,058	100	1,630	79	428*	21*
CALIFORNIA	28,180	100	25,066	89	3,115	11	28,647	100	25,066	87	3,581*	13*
COLORADO	8,199	100	4,963	61	3,237	39	7,809	100	4,963	64	2,841	36
CONNECTICUT	2,592	100	2,369	91	223*	9*	4,060	100	2,369	58	1,644	40
DELAWARE	852	100	466	55	386*	45*	685	100	466	68	218	32
FLORIDA	23,225	100	19,375	83	3,850	17	23,299	100	19,375	83	3,924*	17*
GEORGIA	4,433	100	3,580	81	853	19	5,039	100	3,580	71	1,459	29
HAWAII	1,481	100	962	65	519*	35*	1,145	100	962	84	178*	16*
IDAHO	2,577	100	1,409	55	1,169	45	1,792	100	1,409	79	381	21
ILLINOIS	12,191	100	11,265	92	926	8	17,601	100	11,265	64	5,709	32
INDIANA	4,639	100	3,563	77	1,076*	23*	5,592	100	3,563	64	2,029	36
IOWA	5,639	100	5,119	91	520	9	6,089	100	5,119	84	970	16
KANSAS	1,245	100	1,130	91	115*	9*	1,809	100	1,130	62	679	38
KENTUCKY	3,526	100	2,638	75	888	25	3,185	100	2,638	83	515	16
LOUISIANA	2,456	100	2,319	94	138*	6*	2,668	100	2,319	87	350*	13*
MAINE	5,626	100	3,826	68	1,800	32	4,078	100	3,826	94	249*	6*
MARYLAND	4,821	100	4,396	91	425	9	7,146	100	4,396	62	2,751	38
MASSACHUSETTS	7,719	100	6,183	80	1,536	20	9,110	100	6,183	68	2,927	32
MICHIGAN	20,049	100	17,390	87	2,659	13	19,733	100	17,390	88	2,343*	12*
MINNESOTA	5,530	100	4,926	89	603	11	6,458	100	4,926	76	1,488	23
MISSISSIPPI	2,225	100	1,412	63	812*	37*	1,905	100	1,412	74	493*	26*
MISSOURI	6,670	100	5,175	78	1,494	22	8,012	100	5,175	65	2,484	31
MONTANA	2,506	100	1,128	45	1,378	55	1,391	100	1,128	81	262	19
NEBRASKA	2,188	100	1,970	90	217	10	2,502	100	1,970	79	527	21
NEVADA	2,343	100	1,649	70	694	30	2,431	100	1,649	68	781	32
NEW HAMPSHIRE	3,141	100	885	28	2,257	72	1,246	100	885	71	347	28
NEW JERSEY	6,555	100	4,818	73	1,737	27	8,280	100	4,818	58	3,458	42
NEW MEXICO	2,921	100	1,321	45	1,600	55	1,664	100	1,321	79	344	21
NEW YORK	19,150	100	17,484	91	1,666	9	20,416	100	17,484	86	2,718	13
NORTH CAROLINA	4,647	100	2,743	59	1,904	41	3,662	100	2,743	75	852	23
NORTH DAKOTA	729	100	605	83	123*	17*	915	100	605	66	308	34
OHIO	16,743	100	15,876	95	868	5	20,156	100	15,876	79	4,280	21
OKLAHOMA	5,744	100	5,379	94	365*	6*	5,858	100	5,379	92	478	8
OREGON	4,810	100	4,243	88	567	12	5,260	100	4,243	81	1,017	19
PENNSYLVANIA	31,510	100	26,773	85	4,736	15	29,270	100	26,773	91	2,497	9
RHODE ISLAND	1,371	100	716	52	655*	48*	1,134	100	716	63	418	37
SOUTH CAROLINA	2,127	100	1,507	71	620*	29*	2,025	100	1,507	74	513	25
SOUTH DAKOTA	2,021	100	1,524	75	497	25	1,793	100	1,524	85	269	15
TENNESSEE	7,912	100	4,149	52	3,763	48	5,201	100	4,149	80	1,052	20
TEXAS	10,687	100	9,667	90	1,020	10	15,455	100	9,667	63	5,788*	37*
UTAH	3,145	100	2,244	71	902	29	2,662	100	2,244	84	418	16
VERMONT	1,900	100	815	43	1,085	57	1,312	100	815	62	495	38
VIRGINIA	8,308	100	5,195	63	3,114	37	7,061	100	5,195	74	1,858	26
WASHINGTON	5,900	100	5,409	92	492	8	6,841	100	5,409	79	1,432*	21*
WEST VIRGINIA	4,286	100	3,694	86	592*	14*	4,043	100	3,694	91	340*	8*
WISCONSIN	12,298	100	8,920	73	3,377	27	9,813	100	8,920	91	892	9
WYOMING	3,946	100	1,917	49	2,029	51	2,277	100	1,917	84	357	16

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF MULTIPLE RESPONSES.
U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILTIY APPENDIX.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

TABLE 43. EXPENDITURES FOR FISHING AND HUNTING, BY SPORTSMAN'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER, EXPENDITURES IN THOUSANDS OF DOLLARS)

SPORTSMAN'S STATE OF RESIDENCE	FISHING AND HUNTING EXPENDITURES				FISHING EXPENDITURES			
	TOTAL	TRIP-RELATED	EQUIPMENT	OTHER (1)	TOTAL	TRIP-RELATED	EQUIPMENT	OTHER (1)
U.S.	41,392,552	16,994,932	21,553,053	2,844,567	28,145,527	13,280,738	13,535,750	1,329,039
ALABAMA	952,970	414,512	505,930	32,528	536,554	271,276	256,499	8,779
ALASKA	264,242	112,336	137,242	14,664	173,871	77,102	85,369	11,401
ARIZONA	460,876	232,601	213,477	14,799	310,217	175,419	128,864	5,935
ARKANSAS	583,422	250,943	290,243	42,236	349,977	177,492	147,562	24,923
CALIFORNIA	3,766,496	1,755,159	1,887,120	124,218	2,510,816	1,454,236	987,599	68,981
COLORADO	725,097	331,665	342,465	50,968	508,870	258,234	228,314	22,322
CONNECTICUT	313,550	120,587	183,757	9,206	240,464	109,324	125,963	5,177
DELAWARE	124,407	36,642	84,156	3,609	97,975	32,448	64,628	898
FLORIDA	3,012,507	1,090,991	1,797,998	123,519	2,705,933	977,422	1,625,477	103,034
GEORGIA	1,496,844	544,102	883,374	69,368	1,056,202	433,565	584,140	38,498
HAWAII	107,487	43,762	59,231	4,494	76,558	36,129	40,021	409
IDAHO	295,780	118,781	162,450	14,549	142,389	73,685	60,306	8,398
ILLINOIS	1,292,280	587,297	629,071	75,912	895,450	499,756	353,377	42,317
INDIANA	101,927	757,791	317,697	347,425	575,949	266,149	226,306	83,495
IOWA	383,840	179,234	186,176	18,431	254,737	142,331	104,245	8,162
KANSAS	334,336	162,642	148,887	22,808	229,320	127,843	86,882	14,595
KENTUCKY	525,167	284,399	221,030	19,738	381,351	242,413	129,179	9,758
LOUISIANA	1,049,819	492,340	496,484	60,996	597,640	359,055	231,379	7,207
MAINE	206,431	71,354	120,791	14,286	119,353	51,899	58,696	8,758
MARYLAND	458,034	220,273	197,826	39,935	332,787	184,364	141,639	6,783
MASSACHUSETTS	578,967	208,919	317,048	53,000	491,715	183,242	268,940	39,534
MICHIGAN	2,004,090	675,216	1,126,284	202,590	1,403,429	502,397	764,031	137,002
MINNESOTA	1,093,991	421,322	598,213	74,457	778,268	331,165	403,974	43,126
MISSISSIPPI	653,726	195,868	431,715	26,143	386,654	125,103	258,278	3,274
MISSOURI	1,463,724	401,776	1,017,361	44,587	912,229	297,803	592,206	22,221
MONTANA	386,717	74,790	163,407	148,520	162,267	45,919	114,024	2,324
NEBRASKA	247,854	134,255	92,802	20,797	159,385	97,391	54,444	7,560
NEVADA	230,359	97,086	122,757	10,515	162,651	71,535	86,756	4,360
NEW HAMPSHIRE	125,617	45,052	75,140	5,425	79,808	34,229	42,891	2,689
NEW JERSEY	1,001,737	389,950	527,214	84,573	808,814	340,520	401,498	66,795
NEW MEXICO	246,630	115,856	120,105	10,669	170,823	92,619	72,161	6,043
NEW YORK	1,404,885	628,597	732,340	43,948	1,056,818	527,036	513,312	16,471
NORTH CAROLINA	1,178,761	486,183	645,604	46,974	909,049	404,393	481,835	22,822
NORTH DAKOTA	194,647	66,187	119,180	9,281	108,051	41,585	63,700	2,766
OHIO	1,277,262	637,805	578,552	60,906	1,015,924	577,410	397,948	40,566
OKLAHOMA	707,266	334,389	316,711	56,166	461,777	255,276	159,146	47,355
OREGON	656,474	266,656	339,417	50,401	428,069	195,647	192,478	39,945
PENNSYLVANIA	1,797,363	710,030	931,976	155,357	1,032,668	528,353	469,186	35,128
RHODE ISLAND	138,245	50,084	86,354	1,807	127,259	47,309	78,933	1,018
SOUTH CAROLINA	745,892	271,658	407,256	66,978	545,543	218,810	308,777	17,957
SOUTH DAKOTA	117,061	55,323	51,169	10,569	52,250	27,865	22,799	1,586
TENNESSEE	894,205	329,706	530,785	33,714	520,858	251,195	260,288	9,374
TEXAS	3,403,841	1,495,491	1,540,351	368,000	2,051,914	1,024,691	925,962	101,261
UTAH	327,299	137,359	176,039	13,902	156,802	87,650	63,964	5,187
VERMONT	71,952	32,233	36,590	3,129	44,292	21,213	22,210	868
VIRGINIA	923,858	422,363	335,774	165,721	601,439	333,905	184,977	82,558
WASHINGTON	802,538	373,549	395,764	33,225	549,922	290,686	242,560	16,677
WEST VIRGINIA	269,928	106,818	148,226	14,885	128,411	60,178	60,691	7,542
WISCONSIN	1,002,730	379,733	455,410	167,587	640,800	265,955	312,929	61,917
WYOMING	310,643	67,343	233,563	9,736	86,030	38,488	44,775	2,768

(CONTINUED)

TABLE 43. EXPENDITURES FOR FISHING AND HUNTING, BY SPORTSMAN'S STATE OF RESIDENCE: 1985 (continued)

(U.S. POPULATION 16 YEARS OLD AND OLDER, EXPENDITURES IN THOUSANDS OF DOLLARS)

SPORTSMAN'S STATE OF RESIDENCE	HUNTING EXPENDITURES TOTAL	TRIP-RELATED	EQUIPMENT	OTHER (1)
U.S.	10,059,386	3,714,194	4,933,634	1,411,558
ALABAMA	370,995	143,236	206,989	20,772
ALASKA	66,561	35,233	29,093	2,234
ARIZONA	119,943	57,182	55,841	6,921
ARKANSAS	208,345	73,452	119,204	15,689
CALIFORNIA	824,960	300,923	474,648	49,388
COLORADO	171,853	73,431	71,522	26,900
CONNECTICUT	34,413	11,264	20,218	2,932
DELAWARE	13,066	4,194	6,387	2,486
FLORIDA	244,591	113,568	112,431	18,591
GEORGIA	391,386	110,538	251,976	28,872
HAWAII	23,239	7,634	11,611	3,994
IDAHO	83,941	45,095	33,855	4,990
ILLINOIS	297,878	87,542	179,024	31,311
INDIANA	168,140	51,549	108,708	7,884
IOWA	94,575	36,903	49,311	8,362
KANSAS	74,939	34,799	33,884	6,257
KENTUCKY	127,310	41,985	76,728	8,597
LOUISIANA	326,000	133,285	140,855	51,860
MAINE	58,296	19,454	34,528	4,313
MARYLAND	103,439	35,908	35,584	31,947
MASSACHUSETTS	77,359	25,677	39,690	11,991
MICHIGAN	440,311	172,819	207,947	59,546
MINNESOTA	216,158	90,157	98,626	27,376
MISSISSIPPI	203,890	70,766	112,055	21,070
MISSOURI	238,110	103,973	114,801	19,337
MONTANA	211,277	28,870	36,963	145,443
NEBRASKA	76,586	36,864	27,175	12,547
NEVADA	52,206	25,550	21,319	5,337
NEW HAMPSHIRE	31,129	10,822	17,938	2,368
NEW JERSEY	130,525	49,430	66,925	14,170
NEW MEXICO	66,874	23,236	39,559	4,078
NEW YORK	280,479	101,561	153,931	24,987
NORTH CAROLINA	209,602	81,789	105,910	21,902
NORTH DAKOTA	50,813	24,602	20,582	5,630
OHIO	210,979	60,394	134,234	16,349
OKLAHOMA	173,207	79,114	87,018	7,076
OREGON	198,161	71,009	118,897	8,255
PENNSYLVANIA	714,211	181,677	418,454	114,079
RHODE ISLAND	9,727	2,775	6,310	640
SOUTH CAROLINA	166,907	52,849	66,005	48,054
SOUTH DAKOTA	57,186	27,459	21,603	8,125
TENNESSEE	245,379	78,511	144,206	22,663
TEXAS	1,074,600	470,800	344,652	259,148
UTAH	118,848	49,709	61,029	8,110
VERMONT	26,494	11,019	13,483	1,991
VIRGINIA	272,873	88,458	103,950	80,465
WASHINGTON	191,958	82,863	94,431	14,665
WEST VIRGINIA	130,284	46,640	77,263	6,382
WISCONSIN	303,415	113,778	91,057	98,579
WYOMING	68,813	28,856	34,044	5,912

NOTE: U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILITY APPENDIX.

(1) INCLUDES EXPENDITURES FOR MAGAZINE SUBSCRIPTIONS, MEMBERSHIP DUES AND CONTRIBUTIONS, LAND LEASING AND OWNERSHIP, AND LICENSES STAMPS, TAGS AND PERMITS.

TABLE 44. EXPENDITURES FOR WILDLIFE-ASSOCIATED RECREATION, BY PARTICIPANT'S STATE OF RESIDENCE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER. EXPENDITURES IN THOUSANDS OF DOLLARS)

*PARTICIPANT'S STATE OF RESIDENCE	TOTAL WILDLIFE-ASSOCIATED EXPENDITURES				FISHING AND HUNTING EXPENDITURES			
	TOTAL	TRIP-RELATED	EQUIPMENT	OTHER	TOTAL	TRIP-RELATED	EQUIPMENT	OTHER
U.S.	55,659,765	21,425,740	30,909,141	3,324,884	41,392,552	16,994,932	21,553,053	2,844,567
ALABAMA	1,059,306	441,394	581,697	36,215	952,970	414,512	505,930	32,528
ALASKA	314,687	128,011	170,182	16,493	264,242	112,336	137,242	14,664
ARIZONA	790,204	332,714	436,035	21,456	460,876	232,601	213,477	14,799
ARKANSAS	661,913	279,362	335,966	46,586	583,422	250,943	290,243	42,236
CALIFORNIA	5,541,554	2,299,748	3,052,787	189,021	3,766,496	1,755,159	1,887,120	124,218
COLORADO	1,057,560	455,259	539,665	62,637	725,097	331,665	342,465	50,968
CONNECTICUT	469,103	172,541	282,003	14,559	313,550	120,587	183,757	9,206
DELAWARE	147,938	42,949	100,387	4,603	124,407	36,642	84,156	3,609
FLORIDA	3,542,702	1,324,692	2,078,206	139,806	3,012,507	1,090,991	1,797,998	123,519
GEORGIA	1,950,107	650,071	1,221,872	78,165	1,496,844	544,102	883,374	69,368
HAWAII	231,081	61,475	163,240	6,367	107,487	43,762	59,231	4,494
IDAHO	340,798	139,379	185,459	15,959	295,780	118,781	162,450	14,549
ILLINOIS	2,185,719	788,526	1,300,888	96,306	1,292,280	587,297	629,071	75,912
INDIANA	1,218,449	463,127	653,394	101,927	757,791	317,697	347,425	92,668
IOWA	511,541	213,161	276,278	22,102	383,840	179,234	186,176	18,431
KANSAS	403,163	185,158	192,225	25,701	334,336	162,642	148,887	22,808
KENTUCKY	606,330	324,279	258,809	23,241	525,167	284,399	221,030	19,738
LOUISIANA	1,126,692	519,962	542,586	64,145	1,049,819	492,340	496,484	60,996
MAINE	274,310	97,948	159,170	17,191	206,431	71,354	120,791	14,286
MARYLAND	717,850	326,798	333,462	57,589	458,034	220,273	197,826	39,935
MASSACHUSETTS	911,662	338,758	505,342	67,563	578,967	208,919	317,048	53,000
MICHIGAN	2,546,544	778,511	1,549,723	218,310	2,004,090	675,216	1,126,284	202,590
MINNESOTA	1,332,641	484,753	763,415	84,473	1,093,991	421,322	598,213	74,457
MISSISSIPPI	731,275	213,534	489,742	27,999	653,726	195,868	431,715	26,143
MISSOURI	1,701,315	494,614	1,155,112	51,589	1,463,724	401,776	1,017,361	44,587
MONTANA	456,166	95,103	210,959	150,104	386,717	74,790	163,407	148,520
NEBRASKA	326,317	165,604	137,439	23,274	247,854	134,255	92,802	20,797
NEVADA	370,159	147,452	210,110	12,596	230,359	97,086	122,757	10,515
NEW HAMPSHIRE	211,460	64,196	139,413	7,853	125,617	45,052	75,140	5,425
NEW JERSEY	1,537,144	577,430	854,580	105,133	1,001,737	389,950	527,214	84,573
NEW MEXICO	365,134	144,232	206,411	14,491	246,630	115,856	120,105	10,669
NEW YORK	1,897,636	880,901	954,131	62,605	1,404,885	628,597	732,340	43,948
NORTH CAROLINA	1,370,968	542,211	770,511	58,245	1,178,761	486,183	645,604	46,974
NORTH DAKOTA	221,620	75,781	134,911	10,929	194,647	66,187	119,180	9,281
OHIO	2,274,988	890,477	1,306,771	77,741	1,277,262	637,805	578,552	60,906
OKLAHOMA	831,397	382,130	390,035	59,232	707,266	334,389	316,711	56,166
OREGON	805,181	360,279	387,039	57,863	656,474	266,656	339,417	50,401
PENNSYLVANIA	2,248,626	901,603	1,141,811	205,211	1,797,363	710,030	931,976	155,357
RHODE ISLAND	179,442	62,661	112,940	3,841	138,245	50,084	86,354	1,807
SOUTH CAROLINA	859,030	301,986	484,016	73,027	745,892	271,658	407,256	66,978
SOUTH DAKOTA	217,525	88,945	115,249	13,330	117,061	55,323	51,169	10,569
TENNESSEE	1,168,579	440,494	688,025	40,059	894,205	329,706	530,785	33,714
TEXAS	4,807,352	1,748,216	2,666,483	392,654	3,403,841	1,495,491	1,540,351	368,000
UTAH	447,297	179,588	251,267	16,442	327,299	137,359	176,039	13,902
VERMONT	121,282	51,793	64,045	5,445	71,952	32,233	36,590	3,129
VIRGINIA	1,337,760	562,814	600,168	174,778	923,858	422,363	335,774	165,721
WASHINGTON	1,102,577	464,996	581,978	55,603	802,538	373,549	395,764	33,225
WEST VIRGINIA	348,236	121,588	209,092	17,557	269,928	106,818	148,226	14,885
WISCONSIN	1,340,726	482,144	679,606	178,976	1,002,730	379,733	455,410	167,587
WYOMING	396,150	102,177	278,563	15,409	310,643	67,343	233,563	9,736

(CONTINUED)

TABLE 44. EXPENDITURES FOR WILDLIFE-ASSOCIATED RECREATION, BY PARTICIPANT'S STATE OF RESIDENCE: 1985 (continued)

(U.S. POPULATION 16 YEARS OLD AND OLDER, EXPENDITURES IN THOUSANDS OF DOLLARS)

PARTICIPANT'S STATE OF RESIDENCE	NONCONSUMPTIVE EXPENDITURES			
	TOTAL	TRIP-RELATED	EQUIPMENT	OTHER
U.S.	14,267,213	4,430,808	9,356,087	480,317
ALABAMA	106,336	26,882	75,767	3,687
ALASKA	50,445	15,675	32,940	1,829
ARIZONA	329,320	100,113	222,550	6,657
ARKANSAS	78,491	28,418	45,723	4,350
CALIFORNIA	1,775,058	544,589	1,165,667	64,803
COLORADO	332,463	123,594	197,200	11,669
CONNECTICUT	155,553	51,954	98,246	5,353
DELAWARE	23,531	6,307	16,231	994
FLORIDA	530,195	233,701	280,208	16,287
GEORGIA	453,263	105,969	338,498	8,797
HAWAII	123,594	17,713	104,009	1,873
IDAHO	45,018	20,598	23,009	1,410
ILLINOIS	893,439	201,229	671,817	20,394
INDIANA	460,658	145,430	305,969	9,259
IOWA	127,701	33,928	90,102	3,671
KANSAS	68,827	22,516	43,338	2,973
KENTUCKY	81,163	39,881	37,779	3,503
LOUISIANA	76,873	27,622	46,102	3,149
MAINE	67,879	26,595	38,379	2,905
MARYLAND	259,816	106,526	135,636	17,654
MASSACHUSETTS	332,695	129,838	188,294	14,563
MICHIGAN	542,454	103,295	423,439	15,720
MINNESOTA	238,650	63,431	165,202	10,016
MISSISSIPPI	77,549	17,665	58,027	1,856
MISSOURI	237,591	92,838	137,751	7,002
MONTANA	69,449	20,314	47,552	1,584
NEBRASKA	78,463	31,349	44,637	2,477
NEVADA	139,800	50,366	87,353	2,081
NEW HAMPSHIRE	85,843	19,143	64,273	2,428
NEW JERSEY	535,407	187,481	327,366	20,560
NEW MEXICO	118,504	28,377	86,306	3,822
NEW YORK	492,751	252,304	221,791	18,657
NORTH CAROLINA	192,207	56,028	124,907	11,271
NORTH DAKOTA	26,973	9,595	15,731	1,648
OHIO	997,726	252,672	728,219	16,835
OKLAHOMA	124,131	47,741	73,324	3,066
OREGON	148,707	93,623	47,622	7,462
PENNSYLVANIA	451,263	191,573	209,835	49,854
RHODE ISLAND	41,197	12,577	26,586	2,034
SOUTH CAROLINA	113,138	30,329	76,760	6,049
SOUTH DAKOTA	100,464	33,622	64,080	2,761
TENNESSEE	274,374	110,788	157,240	6,345
TEXAS	1,403,511	252,725	1,126,132	24,654
UTAH	119,998	42,229	75,228	2,540
VERMONT	49,330	19,560	27,455	2,316
VIRGINIA	413,902	140,451	264,394	9,057
WASHINGTON	300,039	91,447	186,214	22,378
WEST VIRGINIA	78,308	14,770	60,866	2,672
WISCONSIN	337,996	102,411	224,196	11,389
WYOMING	85,507	34,834	45,000	5,673

NOTE: U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILITY APPENDIX.

TABLE 45. TRIP-RELATED EXPENDITURES FOR FISHING, HUNTING AND PRIMARY NONRESIDENTIAL ACTIVITIES, BY STATE WHERE SPENDING TOOK PLACE: 1985

(U.S. POPULATION 16 YEARS OLD AND OLDER, AMOUNTS IN THOUSANDS OF DOLLARS)

STATE WHERE SPENDING TOOK PLACE	TRIP-RELATED EXPENDITURES FOR FISHING			TRIP-RELATED EXPENDITURES FOR HUNTING			TRIP-RELATED EXPENDITURES FOR PRIMARY NONRESIDENTIAL ACTIVITIES		
	TOTAL, RESIDENTS AND NONRESIDENTS	RESIDENTS	NONRESIDENTS	TOTAL, RESIDENTS AND NONRESIDENTS	RESIDENTS	NONRESIDENTS	TOTAL, RESIDENTS AND NONRESIDENTS	RESIDENTS	NONRESIDENTS
U.S.	13,280,738	10,188,149	2,611,683	3,714,194	2,963,168	698,115	4,430,808	2,533,173	1,662,422
ALABAMA	263,137	217,540	45,598	137,967	126,979	10,988	29,878	19,235	10,644*
ALASKA	110,376	74,970	35,407	42,573	27,652	14,921*	105,728	13,086	92,643
ARIZONA	175,128	140,755	34,374	57,597	49,366	8,232	161,407	57,322	104,085
ARKANSAS	212,574	158,178	54,396	84,283	63,612	20,671	29,260	18,631	10,629*
CALIFORNIA	1,235,018	1,164,264	70,754	238,823	229,292	9,531	604,041	458,906	145,135
COLORADO	242,335	178,208	64,128	115,214	47,063	68,151	158,185	65,789	92,395
CONNECTICUT	72,362	59,045	13,317	6,784	6,763	...	16,309	10,774	5,535*
DELAWARE	63,857	22,097	41,760	4,872	2,378	2,494*	9,749	3,123	6,626*
FLORIDA	1,364,005	901,640	462,365	63,136	61,073	2,062*	291,946	147,301	144,645
GEORGIA	341,600	305,000	36,600	115,662	89,065	26,598	82,751	59,220	23,531*
HAWAII	62,868	32,122	30,746	5,926	5,392	...	33,906	15,379	18,527
IDAHO	106,791	63,918	42,873	68,168	44,570	23,598	43,212	13,260	29,952
ILLINOIS	239,647	218,664	20,983	51,128	45,915	5,212	92,735	84,317	8,418
INDIANA	218,315	188,744	29,572	40,414	35,401	5,013	73,531	47,030	26,501*
IOWA	103,366	87,991	15,375	47,243	32,624	14,619	21,262	19,773	1,488*
KANSAS	90,329	76,859	13,469	41,621	28,120	13,502	9,460	6,649	2,810*
KENTUCKY	208,910	152,212	56,697	35,525	32,674	2,852	38,957	20,793	18,165
LOUISIANA	307,141	270,436	36,705	118,561	107,666	10,895	15,897	14,901	...
MAINE	87,432	47,079	40,353	30,285	17,099	13,186	73,858	12,024	61,835
MARYLAND	173,709	131,968	41,741	34,860	24,385	10,475	32,416	26,266	6,149
MASSACHUSETTS	170,496	137,736	32,760	14,398	13,357	1,041*	118,148	64,320	53,827
MICHIGAN	551,276	471,398	79,878	165,759	153,358	12,401	125,905	82,777	43,129
MINNESOTA	385,591	288,820	96,771	81,743	77,277	4,467	47,810	40,191	7,620
MISSISSIPPI	171,815	103,424	68,391	78,375	61,452	16,923	17,184	11,889	5,296*
MISSOURI	304,546	248,636	55,909	104,108	90,299	13,808	50,488	30,250	20,238
MONTANA	81,618	40,023	41,595	45,082	28,200	16,882	43,922	12,669	31,253
NEBRASKA	82,621	72,912	9,708	40,305	32,619	7,685	19,904	17,663	2,241*
NEVADA	48,975	43,851	5,124	20,617	17,967	...	68,331	27,405	40,926
NEW HAMPSHIRE	47,251	23,751	23,500	9,989	8,362	1,628*	46,909	7,656	39,253
NEW JERSEY	386,790	219,851	166,939	29,123	28,206	916*	79,622	61,212	18,409
NEW MEXICO	87,279	65,787	21,492	26,865	18,439	8,426	43,294	15,908	27,386
NEW YORK	561,266	441,117	120,149	109,388	93,951	15,437	220,836	190,166	30,670
NORTH CAROLINA	416,729	311,134	105,594	64,419	54,108	10,311	111,800	38,235	73,565
NORTH DAKOTA	33,320	29,148	4,172	25,658	21,699	3,959*	16,384	4,058	12,327
OHIO	468,487	437,176	31,312	51,768	43,784	7,985	125,698	113,942	11,757
OKLAHOMA	247,326	201,110	46,216	67,433	58,414	9,019	37,455	27,352	10,102
OREGON	226,559	169,655	56,905	79,575	67,362	12,213	69,993	57,974	12,019
PENNSYLVANIA	292,632	263,803	28,828	169,479	156,766	12,713	167,260	132,697	34,562
RHODE ISLAND	58,891	36,413	22,477	1,378	1,290	...	19,069	2,959	16,110*
SOUTH CAROLINA	276,313	185,214	91,099	64,312	44,323	19,989	25,686	9,206	16,480*
SOUTH DAKOTA	29,910	23,000	6,910	42,206	25,346	16,860	47,123	28,797	18,326
TENNESSEE	223,257	176,369	46,888	58,657	51,377	7,280	78,338	36,526	41,812
TEXAS	909,068	827,931	81,137	400,686	375,675	25,011	171,544	151,217	20,327
UTAH	106,283	72,968	33,315	57,318	44,462	12,856	42,633	21,748	20,884
VERMONT	21,712	13,875	7,837	14,566	9,082	5,484	27,320	4,090	23,231
VIRGINIA	237,365	201,781	35,584	79,249	68,133	11,116	148,755	91,268	57,486
WASHINGTON	322,395	273,931	48,464	84,426	73,785	10,641*	64,207	50,575	13,632
WEST VIRGINIA	48,479	39,759	8,720	60,482	39,680	20,802	23,039	9,956	13,084*
WISCONSIN	347,758	228,713	119,045	120,946	100,913	20,033	105,436	54,808	50,628
WYOMING	75,523	30,822	44,701	56,334	25,680	30,654	105,862	21,219	84,643

NOTE: DETAIL DOES NOT ADD TO TOTAL BECAUSE OF NONRESPONSE.
U.S. TOTALS INCLUDE RESPONSES FROM PARTICIPANTS RESIDING IN THE DISTRICT OF COLUMBIA, AS DESCRIBED IN THE STATISTICAL RELIABILITY APPENDIX.

* ESTIMATE BASED ON A SMALL SAMPLE SIZE.

... SAMPLE SIZE TOO SMALL TO REPORT DATA RELIABLY.

APPENDIX A: DEFINITIONS

Anadromous species - Fish that migrate from saltwater to freshwater to spawn, such as salmon, shad, steelhead, and striped bass.

Annual household income - Total 1985 income of household members 14 years of age and over before taxes and other deductions.

Auxiliary equipment - Items of equipment including camping gear that are owned primarily for wildlife-associated recreation. Items of auxiliary equipment are listed in Table 21 (fishing and hunting) and Table 30 (nonconsumptive).

Big game - Antelope, bear, deer, elk, moose, wild turkey and similar large animals which are hunted.

Census regions -

East North Central: Illinois, Indiana, Michigan, Ohio, Wisconsin

East South Central: Alabama, Kentucky, Mississippi, Tennessee

Middle Atlantic: New Jersey, New York, Pennsylvania

Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming

New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

Pacific: Alaska, California, Hawaii, Oregon, Washington

South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia

West North Central: Kansas, Iowa, Minnesota, Missouri, Nebraska, North Dakota, South Dakota

West South Central: Arkansas, Louisiana, Oklahoma, Texas

Day - Any part of a day spent in a given activity. For example, if someone hunted 2 hours one day and 3 hours another day, it would be recorded as 2 days of hunting. If someone hunted 2 hours in the morning and 3 hours in the evening of the same day, it would be considered 1 day of hunting.

Education - The highest completed grade of school or year of college.

Expenditures - Money spent in 1985 for wildlife-associated recreation trips in the U.S. or wildlife-associated recreational equipment purchased in the U.S. Expenditures include both money spent by participants for themselves and the value of gifts they received.

Federal land - Public land owned by the Federal government such as National Forests and National Wildlife Refuges.

Fishing - The sport of catching or attempting to catch fish with a hook, line, net or spear fishing equipment; catching or gathering shellfish (clams, crabs, etc.); gigging or shooting frogs. Fishing includes subsistence fishing as recognized by the State of Alaska, and the non-commercial seining or netting of fish, unless the fish are for use as bait. For example, seining for smelt is fishing, but seining for bait minnows is not included as fishing.

Fishing equipment - Items owned primarily for fishing. These items are listed in Table 19.

Freshwater - Reservoirs, lakes, ponds, and the non-tidal portions of rivers and streams.

Gigging for frogs - Using a pronged spear to take frogs.

Great Lakes fishing - Fishing in Lakes Superior, Michigan, Huron, St.Clair, Erie, and Ontario; their connecting waters such as the St. Mary's River system, Detroit River, St. Clair River, and the Niagara River; and the St. Lawrence River south of the bridge at Cornwall, New York. Great Lakes fishing includes fishing in tributaries to the Great Lakes for smelt, steelhead and salmon.

Home - The starting point of a wildlife-associated recreational trip. It may be a permanent residence, or a temporary or seasonal residence such as a cabin.

Hunting - The sport of shooting or attempting to shoot wildlife with firearms or archery equipment. Hunting includes subsistence hunting as recognized by the State of Alaska.

Hunting equipment - Items owned primarily for hunting. These items are listed in Table 20.

Local land - Public land owned by local governments such as county parks or municipal watersheds.

Maintain natural areas - To set aside one-quarter acre or more of natural environment such as wood lots or open fields for the primary purpose of benefitting wildlife.

Maintain plantings - To introduce or encourage the growth of food and cover plants for the primary purpose of benefiting wildlife.

Manmade impoundments - Bodies of water created by manmade dams or other controls.

Migratory birds - Birds that regularly migrate from one region or climate to another. This survey focuses on migratory birds which may be hunted, including band-tailed pigeons, coots, ducks, doves, gallinules, geese, rails, and woodcock.

Mode of fishing - Fishing from boat or shore. In the case of saltwater fishing, several types of boat fishing and several types of shore fishing appear in Table 9.

Multiple responses - The term used to reflect the fact that individuals or their characteristics fall into more than one reporting category. An example of a big game hunter who hunted for deer and elk can show the effect of multiple responses. In this case, adding the number of deer hunters (1) and elk hunters (1) would overstate the number of big game hunters (1) because deer and elk hunters are not mutually exclusive categories. In contrast, total participants is the sum of male and female participants because male and female are mutually exclusive categories.

Nonconsumptive activity - Feeding, photographing or observing fish or other wildlife. (See also primary residential, primary nonresidential, secondary residential, and secondary nonresidential activities.)

Nonconsumptive equipment - Items owned primarily for observing, photographing or feeding wildlife. These items are listed in Table 30.

Nonresidents - Individuals who do not live in the state being reported. For example, a person living in Texas who watches whales in California is a nonresident participant in California.

Nonresponse - Nonresponse is a term used to reflect the fact that some survey respondents provide incomplete sets of information. For example, a survey respondent may have been unable to identify the primary type of hunting for which a gun was bought. Hunting expenditures will reflect the gun purchase, but it will not appear as spending for big game or any other type of hunting. In general, nonresponses result in reported totals that are greater than the sum of their apparent parts.

Observe - To take special interest in or try to identify birds, fish or other wildlife.

One-day trips - Trips on which the individual went and returned on the same day without an overnight stay.

Other animals - Coyotes, crows, foxes, groundhogs, prairie dogs, raccoons, and similar animals that are often regarded as varmints or pests. Other animals may be classified as unprotected or nongame animals by the state in which they are hunted.

Other state areas - Public lands owned by state governments, except state wildlife management areas and state wildlife refuges. Examples of other state areas are state parks and state forests.

Participants - Individuals who engage in fishing, hunting, trapping, or a nonconsumptive activity.

Primary nonresidential activity - Trips or outings of at least one mile from home for the primary purpose of observing, photographing, or feeding wildlife. Trips to zoos, circuses, aquariums, and museums are not included.

Primary purpose - The principal motivation for an activity, trip, or expenditure.

Primary residential activity - Activity within one mile of the home with the primary purpose that is wildlife-related: (1) Closely observing or trying to identify birds or other wildlife, (2) photographing wildlife, (3) feeding birds or other wildlife on a regular basis, (4) maintaining natural areas of at least one-quarter acre for which benefit to wildlife is an important concern, (5) maintaining plantings (shrubs, agricultural crops, etc.) for which benefit to wildlife is an important concern, or (6) visiting public parks within one mile of home for the purpose of observing, photographing, or feeding wildlife.

Public areas - Public lands owned by local, state, or Federal governments.

Residents - Individuals who live in the state being reported. For example, persons who live in California and watch whales there are resident participants in California.

Rural - The non-urban population is classified as rural (see urban).

Saltwater - Oceans, tidal bays and sounds, and the tidal portions of rivers and streams.

Scouting - Evaluating the potential of fishing or hunting sites, or searching for places to fish or hunt. In the context of this survey, scouting for game and hunting cannot occur concurrently.

Screening interviews - The first Survey contact with a household. Screening interviews use brief conversations with one adult in each household to identify participants who are eligible for in-depth interviews. In addition, screening interviews are used to gather some data about the individuals in the households, such as their age and sex. Screening interviews are discussed in the Survey Background and Methods section of this report.

Secondary nonresidential activity - Seeing or hearing wildlife while on an outing that is taken for another purpose, such as camping, boating, or driving for pleasure. Not included are trips to other countries, trips of less than one mile from home, and trips for shopping or to go to work or school.

Secondary Residential Activity - Seeing or hearing wildlife while pursuing other activities within one mile of home (e.g., enjoying birds while doing yard work).

Small Game - Grouse, partridge, pheasants, quail, rabbits, squirrels, and similar small animals and birds for which many states have small game seasons and bag limits.

SMSA - Standard Metropolitan Statistical Area - Except in the New England States, an SMSA is a county or group of contiguous counties containing at least one city of 50,000 or more inhabitants, or twin cities (i.e., cities with contiguous boundaries and constituting, for general social and economic purposes, a single community) with a combined population of at least 50,000. Also included in an SMSA are contiguous counties that are socially and economically integrated with the central city. In the New England States, an SMSA consists of towns and cities instead of counties. Each SMSA must include at least one central city.

Special Equipment - Items of equipment including boats or pickup trucks that are owned primarily for wildlife-associated recreation. Items of special equipment are listed in Table 21 (fishing and hunting) and Table 30 (nonconsumptive).

Spenders - Individuals who make expenditures for fishing, hunting, or nonconsumptive activities or equipment.

Sportsman - Individuals who engage in fishing, hunting, or both.

Trapping - Using traps, snares or other devices to capture furbearing animals for the primary purpose of getting fur pelts.

Trip - An outing involving fishing, hunting, or nonconsumptive activities, even if these recreational activities are not the primary purpose of the trip. In the context of this survey, a trip may begin from an individual's principal residence or from another place, such as a vacation home or the home of a relative, and a trip may last less than an hour, a day, or many days.

Type of fishing - Three types of fishing are reported: Fishing in (1) freshwater, except Great Lakes, (2) the Great Lakes, and (3) saltwater.

Type of hunting - Four types of hunting are reported: Hunting for (1) big game, (2) small game, (3) migratory birds, and (4) other animals.

Urban - All persons living in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. An urbanized area is a central city of 50,000 or more inhabitants, or twin cities (i.e., cities with contiguous boundaries and constituting, for general social and economic purposes, a single community) with a combined population of at least 50,000, and surrounding closely settled territory of 2,500 or more inhabitants.

Wetlands - In this report, wetlands are marshes, swamps, potholes, bogs, small lakes or ponds surrounded by wetland vegetation, and bottomlands that are sometimes flooded. Excluded are open bodies of water ten acres or more in surface area.

Wildlife - Animals such as birds, fish, insects, mammals, and reptiles that are living in natural or wild environments. Wildlife does not include either animals living in aquariums, zoos and other artificial surroundings, or domestic animals such as farm animals and pets.

Wildlife-associated recreation - Recreational fishing, hunting, or nonconsumptive wildlife use.

APPENDIX B: SAMPLE DESIGN AND STATISTICAL RELIABILITY

This Appendix is partitioned into two parts. The first part, Tables 1-3, reports approximate standard errors for participants, days of participation and expenditures for wildlife-related recreation.

Except for minor style changes, the second part of this Appendix is the U.S. Bureau of the Census "Source and Reliability Statement" for the Survey. This Statement describes the sampling design of the 1985 Survey and highlights the steps that were taken to produce estimates from the completed questionnaires. The Statement explains the use of standard errors and confidence intervals. Finally, it provides comprehensive information about errors that are characteristic of surveys, and it provides the formulas and factors that can be used to calculate an approximate standard error or confidence interval for each number published in this report.

SOURCE AND RELIABILITY STATEMENT FOR THE WASHINGTON STATE REPORT OF THE 1985 SURVEY OF FISHING, HUNTING, AND WILDLIFE-ASSOCIATED RECREATION

SOURCE OF DATA

The estimates shown in this report are based on the data collected in the "1985 Survey of Fishing, Hunting, and Wildlife-Associated Recreation" (FHWAR). The Survey was designed to provide state-level estimates of the participation rates for fishing, hunting, and other forms of wildlife recreation (e.g., wildlife observation) referred to as nonconsumptive activities. The Survey was conducted in two stages; an initial screening of households to identify participants, and a followup enumeration of selected households with participants to collect detailed data about the household's wildlife-related recreation. The 1985 state samples were selected from expired Current Population Survey (CPS) samples. As such, they are multistage stratified samples of the U.S. population within each state.

SAMPLE DESIGN

A. CPS-Current Population Survey

The expired CPS samples used for the 1985 Survey had been selected initially from the 1980 census files with coverage in all 50 states and the District of Columbia. The samples, while active, had been continually updated to reflect new construction. The CPS samples used at the national level were located in more than 630 areas comprising more than 1,100 counties, independent cities, and minor civil divisions in the nation.

B. The FHWAR Screening Sample

The state screening sample consisted of households identified from expired CPS samples between the periods Jul. 83 and Feb. 1985. Expired CPS sample households were accumulated until the designated sample size for each state was obtained. The sample in each state was expected to yield a minimum of 1,500 interviewed households. About 2590 households were contacted. Of these, roughly 12.8 percent were found to be vacant or otherwise not to be enumerated. Of the remaining households, roughly 5.9 percent could not be enumerated because the occupants were not found at home after repeated calls or were unavailable for some other reason. Overall, about 2122 completed household interviews were obtained for a household response rate of approximately 94.1 percent. Roughly 70 percent of the interviewed households were contacted by telephone and the remaining interviewed households were contacted by personal visit. Interviewing for the screening sample was completed in late February of 1986.

C. The Detailed Samples

1. Sportsmen

The state sportsmen sample was selected in the following manner: Each household was assigned a level of participation dependent upon the highest level of participation according to the screening interview for any sportsman in the household. This procedure grouped households into two levels of participation, substantial households, i.e., at least one household member fished or hunted for 30 days or more, or spent more than $500 for fishing or hunting, and nonsubstantial households. These household groups were further subdivided by hunter and nonhunter classifications. All of the substantial households were revisited for detailed interviews, about half of the nonsubstantial hunter households were revisited, and differential sampling rates were applied to the remaining households to arrive at the designated sample size for interviews in the state. Once a sportsman household was selected for detailed interviewing, all participants 16+, irrespective of their level of participation, were interviewed in detail. The detailed sportsmen sample consisted of about 459 interviewed households selected from households identified from the screening sample as containing a sportsman. There were 728 sportsmen identified for detailed interviewing. Of these, roughly 10.6 percent were incorrectly classified as active sportsmen during the screening phase. Of those remaining, about 9.2 percent were not found at home after repeated calls, were unavailable for some other reasons, or were impossible to locate for detailed interviewing. The detailed sportsmen interviews yielded a person response rate of 90.8 percent. Detailed interviewing was completed in June 1986.

2. Nonconsumptive Participants

The detailed nonconsumptive participant sample, also selected at the state level and interviewed at the same time as the sportsman sample, was selected from the screening sample of households containing at least one nonconsumptive participant, i.e., a household member 16+ who took special interest in wildlife around the home, or on a trip. All households selected for the sportsmen sample which contained at least one nonconsumptive participant, were placed in one group. The remaining nonsportsmen households which contained at least one nonconsumptive participant (nonconsumptive participant only households) were placed in a second group.

The households in each of the two groups were further categorized by type of participation: 1. Primary Nonresidential, 2. Primary Residential, 3. Secondary Nonresidential, and 4. Secondary Residential. All primary nonresidential households were revisited. Differential sampling rates were applied to the remaining groups to arrive at the designated sample size to be interviewed within the state. Roughly half of the total sample came from each of the two major groups above. Interviews in about 312 households were obtained. About 590 persons were designated for interview. Of these, about 5.4 percent were incorrectly classified as active nonconsumptive participants during the screening phase. Of those remaining, about 9.0 percent were not found at home after repeated calls, were unavailable for other reasons, or were impossible to locate for detailed interviewing. About 508 interviews were completed for a response rate of about 91.0 percent.

DESIGN CRITERIA

Along with other criteria, the state sample was designed to produce a coefficient of variation (CV) on the number of hunters identified in the screening sample of roughly 6 percent. An upper limit of about 6.3 percent was also, however, considered acceptable. The CV is a statistical measure of the accuracy of a survey estimate. In this design, the characteristic was hunters 6+. The CV on the survey estimate of number of hunters 6+ was 7.0 percent. This value is the actual CV obtained from the variance program wnd will differ slightly from the CV obtained through the use of the generalized variance parameter.

ESTIMATION PROCEDURE

The estimatation procedure for the state sample of the 1985 FHWAR Survey involved the inflation of the weighted sample results to independent estimates of the population. A brief description of the major weight components by sample is given below.

A. Screening Sample

1. Base Weight. The reciprocal of the probability of selecting a household.

2. Missing Cases Adjustment. A factor to adjust the base weight of all data records to account for housing units designated for interview but for which a questionnaire was never returned for processing.

3. New Construction Adjustment. A factor to adjust the weights of all data records to account for our estimate of the new construction population not covered by the current sampling frame.

4. CPS Sample Adjustment. A factor to adjust the weights of data records to account for varying numbers of CPS rotation groups used to arrive at the designated sample size in each state.

5. Household Noninterview Adjustment. A factor to adjust the weight assigned to interviewed households to account for households eligible for interview but for which an interview was not obtained (a noninterview record was on file).

6. First-Stage Adjustment. The 630+ areas designated for our samples were selected from roughly 1900 such areas of the United States. Some of our sample areas represent only themselves, and are referred to as self-representing. The remaining areas represent other areas similar in selected characteristics, and are thus designated nonself-representing. The first-stage factor reduced the component of variation arising out of sampling the nonself-representing areas.

7. Second-Stage Adjustment. This adjustment involved the inflation of the sample results to independently derived post-censal estimates of the civilian noninstitutional and nonbarrack military populations for the states. Overall, the second-stage ratio adjustment was 1.15.

B. Sportsmen Sample

1. Base Weight. The final person-tabulation weight developed from the weighting of the screening sample.

2. Stratum Adjustment. This factor inflated the weights of the sample households selected from the two level-of-participation categories to account for all households in the category.

3. Sportsmen Noninterview Adjustment. This factor adjusted the weights of the interviewed sportsmen to account for sportsmen intended for interview, but for whom one was not obtained.

C. Nonconsumptive Participant Sample

1. Base Weight. The base weight applied to nonconsumptive participant only households was the final person tabulation weight developed from the screening sample described above. The base weight for sportsmen households with nonconsumptive participants was the product of the sportsmen sample base weight and the stratum adjustment.

2. Nonconsumptive Participant Noninterview Adjustment. This factor adjusted the weights of the interviewed nonconsumptive participants to account for nonconsumptive participants intended for interview, but for whom one was not obtained.

RELIABILITY OF SAMPLE ESTIMATES

The statistics(1) that this survey produced are estimates derived from a sample, and hence, are apt to differ somewhat from the actual values being estimated. This occurs because there are two types of errors possible in an estimate based on a sample survey--sampling errors and nonsampling errors. The accuracy of a survey result depends on both types of errors, but the full extent of the nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates. The standard errors calculated from parameters provided for the estimates primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in responses and enumeration, but do not measure any systematic biases in the data. (Bias is the difference, averaged over all possible samples, between the sample estimate and the desired value.)

Nonsampling Errors

Let us suppose that a comparable complete enumeration was conducted, that is, an interview is attempted for every person 16+ in the United States. Chances are we would still not correctly estimate every parameter (for example, the proportion of persons who fished) under consideration. In this instance, the difference is due solely to nonsampling errors.

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(1) Statistics for the population 6+, 6-15, 9+, and 12+ were derived from the screening interview; statistics for the population 16+ were derived from the detailed interviews.

Nonsampling errors occur also in sample surveys and can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness on the part of the respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, and errors made in estimating values for missing data. Explicit measures of these errors are generally not available. It is believed that most of the important operational and out of range response errors were detected and corrected in the course of the Bureau's review of the data for accuracy and consistency. Unfortunately, some response and operational errors remain.

Another source of error in sample surveys is the failure to represent all units with the sample and all persons in sample households, (undercoverage). There were two particular undercoverage problems in this Survey: sample attrition, i.e., loss of the original sample due to nonreturns from the field, processing, etc., and failure to represent new construction in the sampling frame for the period up to the date the Survey was fielded. Overall undercoverage as compared to the level of the 1980 decennial census is about 7 percent. Generally, undercoverage is larger for males than for females and larger for blacks and other races combined than for whites. Ratio estimation to independent population controls, as described previously, partially corrects for the bias due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Sampling Errors

The particular state sample used for the 1985 Survey is one of a large number of all possible probability samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. This sample-to-sample variability is referred to as sampling error and is generally measured by the standard error. The exact sampling error is unknown; however, guides to the potential size of the sampling error are provided by the standard error of the estimate.

Since the standard error of a survey estimate attempts to provide a measure of the variation among the estimates from the possible samples, it is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The standard errors that were calculated for this Survey also partially measure the effect of variable nonsampling error but do not measure any systematic biases in the data.

The estimate and its associated standard error may be used to construct a confidence interval, that is, an interval having a prescribed probability that it would include the average result of all possible samples. The chances are about 90 out of 100 (90 percent) that the interval from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average value of all possible samples. Of course, any particular 90 percent confidence interval may or may not contain the average value of all possible samples, but for a particular sample, one can say with 90 percent confidence that the average of all possible samples is included in the constructed interval.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis appearing in this report is that the population parameters are different. An example of this would be comparing levels of hunters with levels of fishermen. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the population parameters are different when, in fact, they are identical.

To perform the most common test, let x and y be sample estimates for two characteristics of interest. Let the standard error on the difference x-y be sDIFF. If the ratio R = (x-y)/sDIFF is between -1.6 and +1.6, no conclusion about the difference between the characteristics is justified at the 10 percent level of significance. If, on the other hand, this ratio is smaller than -1.6 or larger than +1.6, the observed difference is significant at the 0.10 level. In this event, it is commonly accepted practice to say that the characteristics are different. Of course, sometimes this conclusion will be wrong. When the characteristics are, in fact, the same, there is a 10 percent chance of concluding that they are different.

Standard Errors and Their Use

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. Therefore, instead of providing an individual standard error for each estimate, generalized sets of standard error parameters are provided for various types of characteristics. As a result, standard errors calculated from the parameters provided give an indication of the order of magnitude of the sampling error of an estimate rather than the precise sampling error.

Two or three parameters are used (denoted a, b and c) to calculate standard errors for each type of characteristic shown in this report. They are presented in Tables 4 through 9. The parameters were used to calculate the standard errors for levels and percentages of sportsmen, fishermen, or nonconsumptive participants and the standard errors of aggregates, i.e., trips, days, and expenditures for various types of participants. Methods for using the parameters to calculate standard errors of various characteristics are given in the following sections.

Standard Errors of Estimated Numbers

The approximate standard error, Sx, of an estimated number shown in this report can be obtained using the following formulas. Formula (1) is used to calculate the standard errors of levels of sportsmen, fishermen, and nonconsumptive participants.

$$S_x = \sqrt{ax^2 + bx} \qquad (1)$$

Here x is the size of the estimate and a and b are the parameters in the table associated with the particular characteristics. Approximate standard errors for fishermen 16+, hunters 16+, and primary nonresidential participants 16+ are provided in Tables 1, 2 and 3 respectively.

Formula (2) is used for standard errors of the aggregates, i.e., trips, days, and expenditures.

$$S_x = \sqrt{ax^2 + bx + \frac{cx^2}{y}} \qquad (2)$$

Here x is again the size of the estimate, y is the base of the estimate, and a, b, and c are the parameters in the tables associated with the particular characteristic. Approximate standard errors for days and expenditures of fishermen, hunters, and primary nonresidential participants are provided in Tables 1, 2, and 3 respectively.

Illustration of the Computation of the Standard Error of an Estimated Number

Suppose that a data table in this report shows that 30,000,000 persons 16+ fished or hunted in the United States in 1985. Using formula (1) and the parameters a=-.00002468 and b=4470 from table 5, for the characteristic, sportsmen 16+, the estimate of the standard error on 30,000,000 sportsmen 16+ is

$$S_x = \sqrt{-.00002468(30{,}000{,}000)^2 + (4470)(30{,}000{,}000)}$$

$$= 334{,}500$$

The 90 percent confidence interval is from 29,464,800 to 30,535,200 (using 1.6 times the standard error). Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Suppose that another data table shows that hunters 16+ engaged in 334,013,000 days of participation in all hunting in 1985. Using formula (2) and the parameters a = .00004061, b = -28147, and c = 10865 from Table 7 for number of days, the estimate of the standard error on 334,013,000 days on a base of about 16,684,000 is

$$S_x = \sqrt{(.00004061)(334{,}013{,}000)^2 + (-28147)(334{,}013{,}000) + \frac{(10865)(334{,}013{,}000)^2}{16{,}684{,}000}}$$

$$= 8{,}233{,}000$$

The 90 percent confidence interval on the estimate of 334,013,000 days would be from 320,840,200 to 347,185,800 (using 1.6 x (8,233,000). Again, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way, would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Percentages

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which this percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameters in the tables indicated by the numerator. The approximate standard error, S(x,p), of an estimated percentage can be obtained by use of formula (3).

$$S_{x,p} = \sqrt{\frac{b}{x} \cdot p \cdot (100 - p)} \qquad (3)$$

Here x is the size of the subclass of sportsmen, hunters, etc., which is the base of the percentage, p is the percentage (0<p<100), and b is the parameter in the tables associated with the particular characteristic in the numerator of the percentage.

Illustration of the Computation of the Standard Error of an Estimated Percentage

Assume that a data table shows that of roughly 17,000,000 hunters 16+, 10.0 percent were black. From Table 5 the appropriate b parameter is 2484. Using formula (3), the approximate standard error on 10.0 percent is

$$S_{x,p} = \sqrt{\frac{2484}{17{,}000{,}000} \cdot (10.0)(100.0 - 10.0)}$$

$$= 0.36 \text{ percent}$$

Consequently, the 90 percent confidence interval as shown by the data is from 9.4 to 10.6.

Standard Error of a Difference

For the difference between two sample estimates, the standard error is approximately equal to

$$S_{x-y} = \sqrt{S_x^2 + S_y^2} \qquad (4)$$

Where Sx and Sy are the standard errors of the estimates x and y, respectively. The estimates can be levels, percents, ratios, etc. This will represent the actual standard error quite accurately for the difference between two estimates of the same characteristic in two different areas or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Illustration of the Computation of the Standard Error of a Difference

Suppose that a data table shows that of about 17,000,000 hunters, 3,000,000 (17.6 percent) were in the age group 20-24, and 4,000,000 (23.5 percent) were in the age group 25-30. The apparent difference between the percents of hunters 20-24 and hunters 25-30 is 5.9 percent. Using formula (3) and the appropriate b parameter from Table 5, the approximate standard error Sx, of 17.6 percent and 23.5 percent are 0.46 and 0.51 respectively. Using formula (4), the standard error of the apparent estimated difference of 5.9 percent is about

$$\sqrt{(0.46)^2 + (0.51)^2}$$

$$= .69$$

This means that the 90 percent confidence interval on the difference between hunters aged 20-24, and hunters aged 25-30 is from 4.8 to 7.0 percent. Therefore, a conclusion that the average estimate derived from all possible sample lies within a range computed in this way would be correct for roughly 90 percent of all possible samples. Since this interval does not contain zero, we can conclude with 90 percent confidence that the percent of hunters aged 20-24 is smaller than the percent of hunters aged 25-30.

Standard Errors of Estimated Averages

Certain mean values for sportsmen, fishermen, etc. shown in the report were calculated as the ratio of two numbers. For example average days per fisherman is calculated as:

$$\frac{x}{y} = \frac{\text{total days}}{\text{total fishermen}}$$

Standard errors for these averages may be approximated by the use of formula (5) below.

$$S_{x,y} = \sqrt{\left(\frac{X}{Y}\right)^2 \left[\left(\frac{S_x}{X}\right)^2 + \left(\frac{S_y}{Y}\right)^2 - 2r\left(\frac{S_x}{X}\right) \left(\frac{S_y}{Y}\right)\right]} \quad (5)$$

In formula (5), r represents the correlation coefficient between the numerator and the denominator of the estimate. In the above formula, use 0.7 as an estimate of r.

Illustration of the Computation of the Standard Error of an Estimated Average

Suppose that a data table in the report shows that the average days per hunter 16+ for all hunting was 20.0 days. Using formulas (1) and (2) above, we compute the standard error on total hunters, about 17,000,000, and total days, about 334,000,000, to be 195,600 and 7,705,000 respectively. The standard error on the average Sx, is

$$S_{x,y} = \sqrt{\left(\frac{334{,}000{,}000}{17{,}000{,}000}\right)^2 \left[\left(\frac{(7{,}705{,}000)}{(334{,}000{,}000)}\right)^2 + \left(\frac{(195{,}600)}{17{,}000{,}000}\right)^2 - 2(0.7)\left(\frac{7{,}705{,}000}{334{,}000{,}000}\right)\left(\frac{195{,}600}{17{,}000{,}000}\right)\right]}$$

$$= 0.35$$

Therefore, the 90 percent confidence interval on the estimated average of 20.0 days is from 19.4 to 20.6 days.

TABLE 1. APPROXIMATE STANDARD ERRORS OF RESIDENT FISHERMEN, DAYS OF FISHING BY STATE RESIDENTS, AND EXPENDITURES FOR FISHING BY STATE RESIDENTS

	PARTICIPATION		DAYS		EXPENDITURES	
	ESTIMATE	STANDARD ERROR	ESTIMATE	STANDARD ERROR	ESTIMATE	STANDARD ERROR
ALABAMA	908.5	42.2	21786.4	2212.3	536553.9	71436.1
ALASKA	185.7	6.3	3280.4	262.5	173871.4	16276.3
ARIZONA	515.2	27.3	8576.9	1283.7	310217.3	40404.0
ARKANSAS	673.0	29.1	17087.6	1960.7	349977.5	40283.6
CALIFORNIA	3983.4	155.9	62196.0	4283.2	2510816.0	223949.0
COLORADO	827.6	39.0	14660.8	1418.1	508870.0	69910.2
CONNECTICUT	472.6	30.6	10471.0	1675.1	240463.8	47278.2
DELAWARE	116.7	6.3	1891.0	242.1	97974.9	17844.9
FLORIDA	2519.0	83.8	72222.3	5714.1	2705932.0	342327.4
GEORGIA	1371.2	58.2	31472.0	3700.2	1056201.0	133909.1
HAWAII	151.2	8.2	3312.7	419.1	76557.6	14270.6
IDAHO	287.4	16.0	5361.0	621.9	142389.0	28874.8
ILLINOIS	1906.0	105.1	36704.7	3247.0	895450.4	108396.5
INDIANA	1247.3	55.6	28819.1	3185.8	575948.9	69924.0
IOWA	697.6	35.3	15082.1	1639.2	254737.5	38509.7
KANSAS	567.7	23.7	11463.2	1045.9	229320.4	27432.5
KENTUCKY	853.4	38.4	20062.5	2254.8	381351.1	69755.8
LOUISIANA	1100.8	40.1	27526.2	2577.3	597640.4	72739.3
MAINE	241.9	12.7	5330.7	617.0	119353.2	14736.5
MARYLAND	743.5	39.3	13750.2	2041.2	332786.9	51304.6
MASSACHUSETTS	762.2	36.6	17638.8	1729.9	491714.7	78508.8
MICHIGAN	1916.5	75.2	41869.6	3667.3	1403429.0	189155.6
MINNESOTA	1401.1	49.2	27171.4	2556.9	778268.3	69143.5
MISSISSIPPI	712.5	28.0	15875.8	1289.2	386654.0	45973.8
MISSOURI	1354.7	52.6	29690.8	4274.4	912229.4	80175.8
MONTANA	224.8	11.8	3887.5	605.6	162267.1	30199.9
NEBRASKA	353.6	13.2	7395.0	675.4	159385.3	17989.8
NEVADA	183.9	9.8	3059.2	316.9	162651.3	21455.3
NEW HAMPSHIRE	186.2	11.9	3981.1	547.8	79808.4	13604.7
NEW JERSEY	1104.5	51.7	18492.8	2054.8	808813.6	151205.4
NEW MEXICO	261.8	13.9	4389.2	764.2	170823.4	28910.3
NEW YORK	2048.2	95.0	34130.9	3411.5	1056818.0	150517.5
NORTH CAROLINA	1381.9	66.5	28888.5	2980.9	909048.8	124922.9
NORTH DAKOTA	193.4	6.5	3093.0	230.0	108050.6	12909.4
OHIO	2036.0	91.2	51917.3	5034.6	1015923.0	148995.9
OKLAHOMA	891.6	41.2	20849.0	1861.1	461776.7	61807.6
OREGON	689.5	33.7	13126.9	1396.1	428068.6	57689.3
PENNSYLVANIA	1743.8	87.4	46046.6	4646.9	1032667.0	152039.7
RHODE ISLAND	140.6	8.5	3238.3	360.9	127258.7	26470.2
SOUTH CAROLINA	660.9	38.6	18024.5	3252.5	545543.1	98625.2
SOUTH DAKOTA	167.6	10.7	2782.0	417.1	52249.7	7313.9
TENNESSEE	956.8	32.7	23206.1	1964.6	520857.8	48244.3
TEXAS	3201.0	127.5	59751.4	5138.4	2051913.0	245219.1
UTAH	305.0	15.5	4887.4	470.0	156801.9	21209.3
VERMONT	124.5	6.7	3044.1	257.0	44292.0	6299.6
VIRGINIA	1128.7	61.1	21724.5	2511.0	601438.7	118275.5
WASHINGTON	1057.2	40.3	20958.1	1694.1	549922.3	69491.2
WEST VIRGINIA	401.8	16.8	8993.3	842.1	128410.8	13446.7
WISCONSIN	1195.9	52.4	23284.5	1991.3	640800.3	74487.7
WYOMING	158.8	7.3	2357.8	316.0	86029.8	22968.3

TABLE 2. APPROXIMATE STANDARD ERRORS OF RESIDENT HUNTERS, DAYS OF HUNTING BY STATE RESIDENTS, AND EXPENDITURES FOR HUNTING BY STATE RESIDENTS

	PARTICIPATION		DAYS		EXPENDITURES	
	ESTIMATE	STANDARD ERROR	ESTIMATE	STANDARD ERROR	ESTIMATE	STANDARD ERROR
ALABAMA	357.9	21.9	9252.9	1238.1	370995.3	78274.0
ALASKA	70.7	3.1	947.5	86.3	66560.7	9466.4
ARIZONA	235.1	19.3	4575.3	1258.3	119943.4	20373.9
ARKANSAS	350.0	20.8	9361.7	1193.3	208345.0	29846.6
CALIFORNIA	676.3	54.0	11290.1	1946.6	824959.8	155699.3
COLORADO	241.2	17.5	3686.1	586.9	171852.6	31556.9
CONNECTICUT	75.3	10.0	1450.9	380.8	34413.1	7587.9
DELAWARE	26.5	2.5	522.2	85.3	13066.1	2164.8
FLORIDA	362.0	29.2	8139.1	1411.3	244590.7	34883.2
GEORGIA	468.8	28.5	10402.0	1092.1	391385.9	66215.5
HAWAII	23.9	4.2	579.0	270.5	23238.8	7933.7
IDAHO	168.8	10.8	2770.4	461.3	63941.3	14970.9
ILLINOIS	420.3	30.1	8709.1	1639.0	297877.6	55116.6
INDIANA	346.9	21.0	8233.5	1164.1	168140.2	24888.0
IOWA	260.2	19.0	4967.4	698.7	94575.3	15796.1
KANSAS	215.4	11.4	3679.9	283.5	74939.3	11430.5
KENTUCKY	339.9	21.4	7711.9	906.0	127310.2	21674.9
LOUISIANA	517.3	25.2	13507.6	1390.5	325999.9	33297.6
MAINE	158.5	8.2	2986.1	278.2	58296.5	6390.1
MARYLAND	186.6	18.0	3789.0	688.8	103439.4	19393.7
MASSACHUSETTS	145.8	14.7	2863.3	534.3	77359.3	15133.9
MICHIGAN	879.6	47.1	14995.3	1958.2	440310.8	58119.3
MINNESOTA	540.4	33.4	8181.0	1083.2	216158.4	28277.3
MISSISSIPPI	404.3	17.8	10599.2	845.4	203890.2	18361.9
MISSOURI	590.5	30.3	12205.0	1172.2	238110.3	28106.7
MONTANA	153.5	9.2	2519.4	322.2	211277.4	28011.7
NEBRASKA	160.2	9.9	3261.9	296.8	76585.6	11191.9
NEVADA	59.5	4.7	952.8	177.9	52206.2	9005.9
NEW HAMPSHIRE	72.6	5.6	1651.9	339.3	31129.5	4452.6
NEW JERSEY	184.9	16.1	4031.3	800.2	130524.6	31446.2
NEW MEXICO	123.9	8.7	1380.6	196.2	66873.9	10339.3
NEW YORK	713.6	45.0	12482.5	1578.6	280479.0	33256.1
NORTH CAROLINA	410.3	24.8	10679.8	1261.3	209602.3	27364.9
NORTH DAKOTA	108.3	5.6	2195.0	226.5	50813.1	4836.2
OHIO	537.9	33.9	15088.7	2461.1	210978.7	35636.6
OKLAHOMA	344.1	18.1	7926.4	1025.5	173207.4	24469.7
OREGON	306.4	17.7	3758.2	522.3	198160.9	26215.5
PENNSYLVANIA	1077.7	65.6	20148.2	2110.7	714210.9	114142.7
RHODE ISLAND	19.2	2.6	507.8	125.9	9726.6	2512.2
SOUTH CAROLINA	209.2	13.1	4788.6	806.5	166906.8	33884.1
SOUTH DAKOTA	113.1	6.7	2264.1	323.2	57186.1	11627.6
TENNESSEE	400.5	20.8	8849.5	733.3	245379.3	21988.8
TEXAS	1464.0	80.6	25465.9	3673.3	1074600.0	169560.9
UTAH	221.4	12.6	3054.1	301.6	118848.0	11896.5
VERMONT	86.0	4.8	1890.6	230.6	26494.1	2983.2
VIRGINIA	487.5	30.6	11404.3	1592.6	272873.3	44602.7
WASHINGTON	296.3	18.3	4521.5	553.8	191958.3	23378.5
WEST VIRGINIA	310.3	15.5	7062.6	1056.2	130284.4	19629.6
WISCONSIN	646.5	39.5	10872.8	1297.5	303415.0	41337.9
WYOMING	112.9	6.6	1728.7	314.1	68812.6	14819.3

TABLE 3. APPROXIMATE STANDARD ERRORS OF RESIDENT PRIMARY NONRESIDENTIAL PARTICIPANTS, DAYS OF PRIMARY NONRESIDENTIAL PARTICIPATION BY STATE RESIDENTS, AND TRIP-RELATED EXPENDITURES FOR PRIMARY NONRESIDENTIAL ACTIVITIES BY STATE RESIDENTS

	PARTICIPATION		DAYS		EXPENDITURES	
	ESTIMATE	STANDARD ERROR	ESTIMATE	STANDARD ERROR	ESTIMATE	STANDARD ERROR
ALABAMA	248.6	28.5	1390.6	190.4	26882.3	14286.7
ALASKA	108.2	7.4	1422.0	907.8	15675.3	9150.0
ARIZONA	441.2	41.8	4233.8	2499.3	100113.3	56500.9
ARKANSAS	231.5	24.7	2057.6	1231.7	28418.4	15640.0
CALIFORNIA	2956.4	340.7	28646.7	18243.2	544589.2	361134.8
COLORADO	592.1	61.8	7809.2	1977.4	123593.8	58726.1
CONNECTICUT	399.8	41.7	4059.6	2823.5	51953.6	32787.9
DELAWARE	60.3	5.4	684.7	278.4	6307.2	3032.5
FLORIDA	1702.6	148.0	23299.1	4872.2	233701.2	152394.4
GEORGIA	529.7	57.9	5039.5	3110.8	105968.8	64843.3
HAWAII	79.7	11.2	1145.4	782.2	17712.9	11883.8
IDAHO	184.8	21.8	1792.1	1084.8	20598.4	12298.7
ILLINOIS	1400.2	138.1	17601.3	8496.8	201228.8	148083.4
INDIANA	624.6	73.3	5592.0	3152.4	145430.1	67726.1
IOWA	512.0	54.0	6088.7	2068.5	33927.9	17575.5
KANSAS	251.2	24.1	1809.5	691.3	22515.7	10074.0
KENTUCKY	352.7	36.6	3184.9	1250.5	39880.8	27704.4
LOUISIANA	342.0	33.2	2668.3	1697.3	27622.3	15323.6
MAINE	204.8	16.8	4077.6	2984.8	26594.7	10827.8
MARYLAND	561.0	56.4	7146.2	3633.6	106525.9	71503.3
MASSACHUSETTS	793.3	71.0	9109.9	3946.6	129838.5	82031.0
MICHIGAN	1214.4	141.1	19733.0	11172.8	103295.4	55483.8
MINNESOTA	743.7	94.1	6458.4	4739.8	63431.1	35959.6
MISSISSIPPI	134.5	14.2	1905.2	820.9	17665.5	10027.4
MISSOURI	715.7	87.9	8012.5	4058.8	92837.9	62888.1
MONTANA	165.9	14.6	1390.6	532.4	20313.6	12112.8
NEBRASKA	309.0	26.3	2502.5	1934.6	31348.9	19303.7
NEVADA	135.6	13.6	2430.9	1257.5	50365.6	29163.7
NEW HAMPSHIRE	152.4	15.0	1246.2	907.8	19143.0	11884.6
NEW JERSEY	784.6	95.4	8280.2	6285.0	187480.7	123249.9
NEW MEXICO	188.9	15.5	1664.2	1125.2	28376.6	14120.0
NEW YORK	1770.6	171.2	20416.3	10980.3	252303.7	131058.1
NORTH CAROLINA	354.0	48.2	3661.9	2010.4	56028.3	37370.9
NORTH DAKOTA	106.5	9.6	914.9	279.8	9594.7	5331.9
OHIO	1409.2	170.1	20155.6	8178.8	252672.3	140491.1
OKLAHOMA	542.7	57.5	5857.7	2915.6	47741.3	29172.0
OREGON	634.4	62.2	5260.0	3067.2	93622.9	54556.0
PENNSYLVANIA	1890.0	178.0	29270.2	12093.8	191573.5	99021.1
RHODE ISLAND	88.3	9.9	1134.2	646.7	12577.1	8572.7
SOUTH CAROLINA	190.4	21.4	2024.6	1141.6	30328.7	19133.1
SOUTH DAKOTA	163.8	17.8	1792.9	631.7	33622.1	23746.2
TENNESSEE	522.8	42.1	5201.5	1440.1	110788.0	48290.9
TEXAS	1433.0	167.9	15455.0	8878.9	252725.3	150749.8
UTAH	268.4	25.0	2662.1	1400.8	42229.2	29480.6
VERMONT	98.2	11.0	1312.1	360.1	19560.3	11572.0
VIRGINIA	716.6	83.2	7061.2	6589.3	140450.7	75620.1
WASHINGTON	652.6	58.5	6840.8	3841.7	91446.9	50934.5
WEST VIRGINIA	205.7	19.8	4043.2	2042.1	14770.1	8143.9
WISCONSIN	952.6	79.0	9812.6	3760.1	102411.1	64901.9
WYOMING	142.5	10.0	2277.3	1105.1	34834.0	18003.0

TABLE 4. A AND B PARAMETERS FOR CALCULATING APPROXIMATE STANDARD ERRORS OF SPORTSMEN, FISHERMEN, HUNTERS, AND NONCONSUMPTIVE PARTICIPANTS [1]

	6+, 9+, or 12+ only		6-15 year olds only	
	a	b	a	b
UNITED STATES	-.00001077	2547	-.00000766	1812
ALABAMA	-.0007160	2857	-.0003053	1218
ALASKA	-.0004415	229	-.0002795	145
ARIZONA	-.0003922	1265	-.0003035	979
ARKANSAS	-.0007969	1860	-.0003599	840
CALIFORNIA	-.0001650	4334	-.0001205	3165
COLORADO	-.0004494	1440	-.0003320	1064
CONNECTICUT	-.0004219	1320	-.0003685	1153
DELAWARE	-.0003962	245	-.0003768	233
FLORIDA	-.0002991	3414	-.0001455	1660
GEORGIA	-.0003871	2305	-.0002618	1559
HAWAII	-.0006188	634	-.0007292	794
IDAHO	-.0006234	622	-.0005723	571
ILLINOIS	-.0002371	2698	-.0001601	1822
INDIANA	-.0002643	1436	-.0001703	925
IOWA	-.0004678	1320	-.0004402	1242
KANSAS	-.0003966	954	-.0002474	595
KENTUCKY	-.0002547	934	-.0002119	777
LOUISIANA	-.0002517	1115	-.0002041	904
MAINE	-.0004427	509	-.0003609	415
MARYLAND	-.0003269	1424	-.0001770	771
MASSACHUSETTS	-.0001800	1035	-.0001188	683
MICHIGAN	-.0003060	2752	-.0002400	2158
MINNESOTA	-.0005031	2084	-.0002694	1116
MISSISSIPPI	-.0003893	1007	-.0002239	579
MISSOURI	-.0003538	1758	-.0002546	1265
MONTANA	-.0007305	571	-.0008113	682
NEBRASKA	-.0004419	698	-.0003691	583
NEVADA	-.0004792	450	-.0003376	317
NEW HAMPSHIRE	-.0004272	426	-.0003139	313
NEW JERSEY	-.0001784	1338	-.0001535	1151
NEW MEXICO	-.0003790	550	-.0002646	384
NEW YORK	-.0001772	3110	-.0001460	2563
NORTH CAROLINA	-.0002684	1661	-.0001816	1124
NORTH DAKOTA	-.0004273	286	-.0003138	210
OHIO	-.0002322	2465	-.0001969	2090
OKLAHOMA	-.0003314	1074	-.0002246	728
OREGON	-.0004113	1095	-.0002798	745
PENNSYLVANIA	-.0002165	2530	-.0002030	2372
RHODE ISLAND	-.0005437	519	-.0004002	382
SOUTH CAROLINA	-.0003603	1189	-.0002909	960
SOUTH DAKOTA	-.0007872	548	-.0005473	381
TENNESSEE	-.0001867	882	-.0001658	783
TEXAS	-.0003480	5671	-.0002523	4112
UTAH	-.0004111	676	-.0003952	650
VERMONT	-.0005706	303	-.0004972	264
VIRGINIA	-.0003715	2082	-.0002391	1340
WASHINGTON	-.0003057	1337	-.0002389	1045
WEST VIRGINIA	-.0004506	861	-.0002988	571
WISCONSIN	-.0004177	1968	-.0003404	1604
WYOMING	-.0010409	502	-.0009272	465

(1) These parameters are to be used only to calculate estimates of standard errors for all characteristics developed from the screening sample.

TABLE 5. A AND B PARAMETERS FOR CALCULATING APPROXIMATE STANDARD ERRORS OF LEVELS FROM THE DETAILED SPORTSMEN SAMPLE[1]

	Sportsmen and Fisherman 16+		Hunters 16+	
	a	b	a	b
UNITED STATES	-.00002468	4470	-.00001372	2484
ALABAMA	-.0009310	2805	-.0005038	1518
ALASKA	-.0011781	430	-.0004521	165
ARIZONA	-.0007472	1827	-.0007182	1756
ARKANSAS	-.0011767	2051	-.0008853	1543
CALIFORNIA	-.0003768	7603	-.0002214	4468
COLORADO	-.0011399	2779	-.0005812	1417
CONNECTICUT	-.0009776	2447	-.0005477	1371
DELAWARE	-.0009275	448	-.0001990	241
FLORIDA	-.0004249	3858	-.0002709	2460
GEORGIA	-.0007698	3525	-.0004215	1930
HAWAII	-.0007114	557	-.0009834	770
IDAHO	-.0021346	1507	-.0012861	908
ILLINOIS	-.0008559	7429	-.0002605	2261
INDIANA	-.0008548	3543	-.0003358	1392
IOWA	-.0012277	2647	-.0007356	1586
KANSAS	-.0007884	1438	-.0003755	685
KENTUCKY	-.0008997	2493	-.0005532	1533
LOUISIANA	-.0006825	2210	-.0004524	1465
MAINE	-.0010598	921	-.0006041	525
MARYLAND	-.0007612	2639	-.0005319	1844
MASSACHUSETTS	-.0004669	2114	-.0003372	1527
MICHIGAN	-.0006133	4123	-.0004324	2907
MINNESOTA	-.0010269	3165	-.0008118	2502
MISSISSIPPI	-.0008944	1737	-.0005088	988
MISSOURI	-.0008160	3148	-.0004887	1847
MONTANA	-.0016337	990	-.0012162	737
NEBRASKA	-.0006020	705	-.0006029	706
NEVADA	-.0009574	696	-.0005585	406
NEW HAMPSHIRE	-.0013076	999	-.0006178	472
NEW JERSEY	-.0004985	2970	-.0002432	1449
NEW MEXICO	-.0009104	975	-.0006452	691
NEW YORK	-.0003775	5183	-.0002181	2994
NORTH CAROLINA	-.0009321	4490	-.0003411	1643
NORTH DAKOTA	-.0007363	363	-.0007404	365
OHIO	-.0006913	5492	-.0002880	2288
OKLAHOMA	-.0011693	2942	-.0004392	1105
OREGON	-.0012407	2500	-.0005980	1205
PENNSYLVANIA	-.0005800	5388	-.0004863	4517
RHODE ISLAND	-.0008351	633	-.0004644	352
SOUTH CAROLINA	-.0012764	3094	-.0003696	896
SOUTH DAKOTA	-.0019902	1013	-.0009980	508
TENNESSEE	-.0004145	1513	-.0003310	1208
TEXAS	-.0005767	6924	-.0004213	5058
UTAH	-.0010185	1099	-.0008323	898
VERMONT	-.0013035	524	-.0008333	335
VIRGINIA	-.0010408	4487	-.0005024	2166
WASHINGTON	-.0006798	2253	-.0003727	1235
WEST VIRGINIA	-.0006444	964	-.0006524	976
WISCONSIN	-.0009686	3453	-.0008289	2955
WYOMING	-.0015930	591	-.0015013	557

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(1) These parameters are to be used only to calculate estimates of standard errors for all characteristics developed from the detailed sportsmen sample.

TABLE 6. A, B AND C PARAMETERS FOR CALCULATING APPROXIMATE STANDARD ERRORS FOR EXPENDITURES FROM THE DETAILED SPORTSMEN SAMPLE

	Sportsmen or Fishermen 16+			Hunters 16+		
	a	b	c	a	b	c
UNITED STATES	.00050936	-199302	13725	.00033644	- 77403	9871
ALABAMA	.01175114	- 34215	5486	.03318182	- 33336	4088
ALASKA	.00569590	- 3210	573	.01461825	- 2303	399
ARIZONA	.01016243	- 18102	3534	.01170349	- 18929	4069
ARKANSAS	.00702002	- 6261	4204	.01164174	- 3492	3114
CALIFORNIA	.00375866	-291992	17181	.01941787	- 85074	11028
COLORADO	.01024629	- 59389	7237	.01251031	- 55166	5193
CONNECTICUT	.02665200	- 7481	5688	.00553338	- 7671	3261
DELAWARE	.02555367	- 3929	894	.00550184	- 1648	585
FLORIDA	.01314698	- 19590	7217	.00662726	- 43887	5029
GEORGIA	.01163509	- 28689	6124	.02059171	- 5962	3772
HAWAII	.02349617	- 4063	1709	.05020554	- 2201	1588
IDAHO	.03085311	- 42827	3038	.01917656	- 7321	2147
ILLINOIS	.00667852	-168323	15559	.01900548	- 69752	6500
INDIANA	.00980559	- 48414	6259	.00767976	- 19700	4977
IOWA	.01382632	-105367	6586	.01379666	- 16473	3714
KANSAS	.00902974	- 25577	3061	.00974306	- 40463	3029
KENTUCKY	.02609553	-116715	6545	.01881422	- 18950	3508
LOUISIANA	.01042305	- 24421	4878	.00394545	- 1389	3358
MAINE	.00658050	- 8948	2114	.00376320	- 1128	1311
MARYLAND	.01763580	- 32774	4632	.00649095	- 32613	5407
MASSACHUSETTS	.01898323	- 83040	5090	.01721262	- 19935	3108
MICHIGAN	.01380377	-139819	8551	.00874117	- 22779	7682
MINNESOTA	.00238527	- 44246	7479	.00728491	- 27513	5380
MISSISSIPPI	.00828296	- 18222	4205	.00271284	- 19550	2221
MISSOURI	.00068514	- 4427	9543	.00024859	- 35897	8170
MONTANA	.00788968	- 49118	6081	.00012899	- 9018	2685
NEBRASKA	.00733251	- 27064	1972	.01053175	- 9556	1754
NEVADA	.01004256	- 12319	1367	.01341018	- 3761	977
NEW HAMPSHIRE	.01888261	- 10767	1920	.00073571	- 3460	1440
NEW JERSEY	.03000764	-200652	5732	.03619261	- 54937	4118
NEW MEXICO	.01953572	- 4460	2391	.01231413	- 4867	1445
NEW YORK	.01416204	-122347	12778	.00344755	- 24341	7634
NORTH CAROLINA	.01368329	- 50128	7264	.00363367	- 9891	5522
NORTH DAKOTA	.01006107	- 4546	823	.00085437	- 697	890
OHIO	.01532701	-225465	13039	.02028633	- 44033	4547
OKLAHOMA	.01154592	- 77808	5829	.00925731	- 32106	3746
OREGON	.01232606	- 12500	4044	.00408735	- 30297	4157
PENNSYLVANIA	.01250635	-255110	16422	.01556956	- 53978	10828
RHODE ISLAND	.03584856	- 6537	1050	.02416035	- 2047	821
SOUTH CAROLINA	.02534860	- 52760	4911	.02360460	- 42410	3737
SOUTH DAKOTA	.01099204	- 4431	1456	.03159716	- 19623	1141
TENNESSEE	.00498456	- 46001	3524	.00150473	- 327	2614
TEXAS	.00829780	-178484	19434	.01632934	-102175	12687
UTAH	.01115088	- 41028	2259	.00101737	- 3690	2000
VERMONT	.01193725	- 9839	1060	.00361185	- 1316	784
VIRGINIA	.03164403	-177181	8266	.01625749	- 21622	5138
WASHINGTON	.01088947	-102321	5566	.00373527	- 17380	3315
WEST VIRGINIA	.00538018	- 5373	2261	.01588771	- 2492	2120
WISCONSIN	.00829240	- 71662	6376	.00673514	- 38019	7727
WYOMING	.06389080	-151601	1453	.03026353	- 13772	1842

TABLE 7. A, B AND C PARAMETERS FOR CALCULATING APPROXIMATE STANDARD ERRORS FOR DAYS AND TRIPS FROM THE DETAILED SPORTSMEN SAMPLE

	Sportsmen or Fishermen 16+			Hunters 16+		
	a	b	c	a	b	c
UNITED STATES	.00005613	- 892	14677	-.00004061	-28147	10865
ALABAMA	.00068683	- 3835	8904	.00473433	- 9473	5080
ALASKA	.00272136	- 414	707	.00493462	- 737	292
ARIZONA	.00651371	- 7636	8644	.05199996	-44842	7862
ARKANSAS	.00349795	- 1445	6564	.00594628	- 6894	3863
CALIFORNIA	.00190659	- 13286	12148	.01289648	-28067	13065
COLORADO	.00037077	- 2787	7594	.00924992	- 8391	4433
CONNECTICUT	.01734526	- 4086	4082	.02394008	- 6621	3728
DELAWARE	.00783563	- 430	1025	.01218741	- 1609	466
FLORIDA	.00391529	- 3163	6016	.01118237	- 8258	7204
GEORGIA	.00951743	- 519	5926	-.00165600	- 4744	6158
HAWAII	.00652960	- 760	1468	.16276901	- 1098	1370
IDAHO	.00575930	- 1250	2279	.01774278	- 1292	1764
ILLINOIS	.00147062	- 1848	12209	.01354891	-36802	10968
INDIANA	.00297202	- 7465	11858	.00277914	-13451	6537
IOWA	.00197129	- 1781	6948	.00436506	-19905	7326
KANSAS	.00154171	- 1648	3932	-.00365341	- 2347	2203
KENTUCKY	.00277097	- 4100	8589	.00162431	- 9312	4550
LOUISIANA	.00341370	- 5589	6116	.00187414	-14854	5081
MAINE	.00240630	- 2617	2777	-.00065519	- 1447	1556
MARYLAND	.01416807	- 791	5893	.00992816	- 2879	4455
MASSACHUSETTS	.00431579	- 1864	4122	.01524613	- 1524	2931
MICHIGAN	.00127197	- 4139	12455	.00827230	-14294	8562
MINNESOTA	.00049389	- 7217	12087	.00350948	-20413	8925
MISSISSIPPI	.00110760	- 1068	3957	.00271284	-19550	2221
MISSOURI	.01574676	- 5269	6985	-.00282341	-11766	7683
MONTANA	.00611529	- 2870	4246	.00421495	- 335	1884
NEBRASKA	.00384493	- 559	1617	.00554279	- 7308	797
NEVADA	.00119870	- 907	1808	.01416445	- 3048	1421
NEW HAMPSHIRE	.01053256	- 280	1577	.03011594	- 880	916
NEW JERSEY	.00676326	- 361	6188	.00739744	-12709	6500
NEW MEXICO	.01999884	- 1580	2794	.00391420	- 756	2085
NEW YORK	.00307266	- 4288	14427	.00279903	-18805	10490
NORTH CAROLINA	.00183151	- 3899	12369	.00019347	-14014	6182
NORTH DAKOTA	.00022934	- 546	1059	.00296305	- 727	868
OHIO	.00122025	- 7379	16951	.00307834	-66940	15041
OKLAHOMA	.00118791	- 2717	6162	.00486690	-10819	4555
OREGON	.00203259	- 3781	6596	.00707493	- 4919	4151
PENNSYLVANIA	.00263299	- 2303	13255	.00119957	- 2901	10689
RHODE ISLAND	.00515059	- 4438	1215	.01542556	- 954	920
SOUTH CAROLINA	.01083940	- 11161	14766	.01878647	- 3812	2171
SOUTH DAKOTA	.00517762	- 1210	2972	.00853568	- 1795	1429
TENNESSEE	.00163033	- 2800	5413	.00017372	- 1645	2755
TEXAS	.00015321	- 26386	24596	.00514143	-46271	25594
UTAH	.00049219	- 842	2723	.00311313	- 3166	1699
VERMONT	.00243006	- 2331	680	.00132463	- 2836	1294
VIRGINIA	.00418183	- 2973	10514	.00127615	-29639	10152
WASHINGTON	.00118018	- 1231	5722	.00325158	- 3289	3697
WEST VIRGINIA	.00334431	- 355	2195	.01588771	- 2492	2119
WISCONSIN	.00004565	- 1752	8782	.00633807	- 2214	5240
WYOMING	.00467933	- 1233	2193	.01834615	- 3458	1882

TABLE 8. A AND B PARAMETERS FOR CALCULATING APPROXIMATE STANDARD ERRORS OF LEVELS OF NONCONSUMPTIVE PARTICIPANTS FROM THE DETAILED NONCONSUMPTIVE PARTICIPANT SAMPLE

	Primary Nonresidential Participants		All Nonconsumptive Participants (1)	
	a	b	a	b
UNITED STATES	-.00017978	42352	-.00007960	15957
ALABAMA	-.00087343	3474	-.00105717	4276
ALASKA	-.00126015	636	-.00138333	671
ARIZONA	-.00143022	4587	-.00192941	5057
ARKANSAS	-.00125871	2928	-.00144214	3402
CALIFORNIA	-.00169541	44268	-.00220838	41674
COLORADO	-.00451519	9133	-.00286658	7265
CONNECTICUT	-.00159452	4984	-.00174756	5568
DELAWARE	-.00298958	661	-.00144441	930
FLORIDA	-.00133285	15130	-.00076463	11975
GEORGIA	-.00117671	6962	-.00147632	7975
HAWAII	-.00170729	1709	-.00156543	1597
IDAHO	-.00318635	3165	-.00303634	3016
ILLINOIS	-.00136851	15545	-.00248077	23770
INDIANA	-.00958074	14582	-.00248226	11314
IOWA	-.00552051	8531	-.00335680	7612
KANSAS	-.00108401	2591	-.00148647	3700
KENTUCKY	-.00115177	4205	-.00096533	4962
LOUISIANA	-.00079351	3499	-.00130435	4475
MAINE	-.00146766	1679	-.00165952	1823
MARYLAND	-.00739646	9823	-.00250030	8462
MASSACHUSETTS	-.00128342	7369	-.00194646	9122
MICHIGAN	-.00211108	18967	-.00189108	14843
MINNESOTA	-.00350723	14521	-.00357551	12791
MISSISSIPPI	-.00618744	2335	-.00155970	2102
MISSOURI	-.00253933	12605	-.00210261	8202
MONTANA	-.00198821	1619	-.00153982	1678
NEBRASKA	-.00178259	2796	-.00244037	2717
NEVADA	-.00099442	1503	-.00242684	1628
NEW HAMPSHIRE	-.00064245	1565	-.00165011	1672
NEW JERSEY	-.00173014	12962	-.00192860	12719
NEW MEXICO	-.00336155	1906	-.00161521	2323
NEW YORK	-.00286964	21625	-.00097699	20834
NORTH CAROLINA	-.00113620	6959	-.00023675	7303
NORTH DAKOTA	-.00154823	1024	-.00165115	988
OHIO	-.00278320	24446	-.00235325	21870
OKLAHOMA	-.00227640	7325	-.00326987	8438
OREGON	-.00300973	8008	-.00262682	5410
PENNSYLVANIA	-.00208720	20708	-.00165671	18143
RHODE ISLAND	-.00129388	1231	-.00106567	1228
SOUTH CAROLINA	-.00077325	2545	-.00039764	4213
SOUTH DAKOTA	-.00789680	3219	-.00467289	2433
TENNESSEE	-.00081076	3819	-.00126390	4409
TEXAS	-.00411984	25585	-.00181642	26625
UTAH	-.00169239	2774	-.00199799	2525
VERMONT	-.00284987	1513	-.00267092	1185
VIRGINIA	-.00200745	11099	-.00267972	14346
WASHINGTON	-.00142478	6179	-.00199539	7076
WEST VIRGINIA	-.00111920	2138	-.00151994	2296
WISCONSIN	-.00174228	8207	-.00228152	9912
WYOMING	-.00195146	973	-.00204283	1035

(1) Use these parameters for: total nonconsumptive participants, primary nonconsumptive participants, primary residential participants, secondary nonconsumptive participants, secondary residential and secondary nonresidential participants.

TABLE 9. A, B AND C PARAMETERS FOR CALCULATING APPROXIMATE STANDARD ERRORS FOR EXPENDITURES AND DAYS OR TRIPS FOR NONCONSUMPTIVE PARTICIPANTS

	Expenditures			Days or Trips		
	a	b	c	a	b	c
UNITED STATES	.01147300	-4275014	148826	.057198302	- 904374	344456
ALABAMA	.27065249	- 3742	2966	.01276391	- 1941	1833
ALASKA	.33096612	- 7642	1109	.39421255	- 8209	2066
ARIZONA	.31376258	- 2788	2108	.29818107	- 5944	3100
ARKANSAS	.29011151	- 5231	2999	.35361719	- 7762	1963
CALIFORNIA	.42419070	- 312679	47681	.40418889	- 57692	9996
COLORADO	.22473945	- 212059	1627	.10223420	- 321665	1821
CONNECTICUT	.38654236	- 37189	4982	.47619817	- 977	3110
DELAWARE	.21744325	- 1531	842	.15734225	- 2107	666
FLORIDA	.42290703	- 426809	7052	.05092190	- 291075	9023
GEORGIA	.36210998	- 112663	7091	.38667223	- 100669	7594
HAWAII	.42090759	- 2794	2341	.41496915	- 1889	4231
IDAHO	.33992210	- 4998	3107	.35629074	- 5152	2397
ILLINOIS	.52883873	- 65961	18247	.22879428	- 44472	9473
INDIANA	.14495284	- 183092	45707	.24623191	- 66251	52093
IOWA	.26298713	- 5435	2828	.10998813	- 7241	3390
KANSAS	.15337226	- 78993	12641	.11796500	- 6462	7931
KENTUCKY	.47439280	- 62591	3441	.11429216	- 9541	15115
LOUISIANA	.29392954	- 82553	5749	.36377922	- 10642	15331
MAINE	.15829400	- 942	1537	.48927173	- 7749	9921
MARYLAND	.36645214	- 86223	47632	.21121787	- 31388	29007
MASSACHUSETTS	.39617278	- 9652	2430	.19012325	- 79709	5006
MICHIGAN	.28882767	- 412126	4467	.33426200	- 311067	2527
MINNESOTA	.31889223	- 63021	2592	.54439203	- 49552	1399
MISSISSIPPI	.31625596	- 20219	953	.18721908	- 17263	1006
MISSOURI	.45727984	- 3352	1161	.25524728	- 2761	1215
MONTANA	.33767229	- 2999	2992	.46835859	- 495044	5676
NEBRASKA	.36645811	- 27167	4196	.58742968	- 836	3248
NEVADA	.31580066	- 2435	2649	.24058501	- 1686	3755
NEW HAMPSHIRE	.36799699	- 5070	2698	.51486176	- 739	2498
NEW JERSEY	.41202106	- 5961	15838	.56503441	- 4798	9173
NEW MEXICO	.23265973	- 165	2823	.45873119	- 4961	262
NEW YORK	.25087582	- 236596	35210	.26630018	- 44016	44450
NORTH CAROLINA	.41357661	- 78789	11583	.27518801	- 5968	9861
NORTH DAKOTA	.29663062	- 801	1307	.02494869	- 7289	8155
OHIO	.27333080	- 86991	50975	.13498995	- 21884	43340
OKLAHOMA	.35829604	- 298	8186	.22873207	- 6172	10892
OREGON	.32441051	- 70703	10092	.45031660	- 865843	34464
PENNSYLVANIA	.25467137	- 3766	23656	.14580360	- 80402	52276
RHODE ISLAND	.44461320	- 21084	1912	.24690789	- 5592	7339
SOUTH CAROLINA	.37201514	- 32127	5146	.29872250	- 21877	5721
SOUTH DAKOTA	.47898642	- 8672	3290	.19296084	- 424532	27514
TENNESSEE	.17361225	- 21105	8665	.05441464	- 8276	12460
TEXAS	.32780491	-257875	41591	.29593062	- 209097	68279
UTAH	.47475143	- 2657	3400	.25077991	- 6530	7662
VERMONT	.32985474	- 3922	1998	.01379635	- 4277	6360
VIRGINIA	.25440883	- 58518	25721	.85280009	- 36923	16642
WASHINGTON	.29692914	- 18082	8810	.30208499	- 6477	9292
WEST VIRGINIA	.29028004	- 634	2834	.26590178	- 124870	4131
WISCONSIN	.38240046	-144955	19662	.12757825	- 11083	19422
WYOMING	.25561739	- 5619	1660	.22727811	- 248	1183

TABLE 10. ACTUAL STANDARD ERRORS ON LEVELS OF CHARACTERISTICS FROM TABLE 2 OF THIS STATE REPORT

Washington

Activity	16 years old and older	12 years old and older	9 years old and older	6 years old and older
Total sportsmen (fished or hunted)	49148	50345	51164	53070
Total fishermen	47981	49237	50045	51956
Fished only	49567	50548	51319	53087
Fished and hunted	16955	17223	17346	17356
Total hunters	20778	21008	21117	21118
Hunted only	12259	12299	12313	12313
Hunted and fished	16955	17223	17346	17356

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END

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